

20030306.qrp v02_n851.qrl.20030306

Date: Thu, 6 Mar 2003 19:03:08 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2851

QRP-L Digest 2851

Topics covered in this issue include:

- 1) [147059] Re: RS Power Pack on sale
by "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>
- 2) [147060] Re: CK722 found
by "Torell Kent-P12255" <Kent.Torell@gd-decisionsystems.com>
- 3) [147061] Wednesday Warble Tonight
by "David Bixler" <qrp@netins.net>
- 4) [147062] Re: Shipping to Canada
by Bruce Rattray <rattray@gpfn.sk.ca>
- 5) [147063] Re: RS Power Pack on sale
by J38AL@aol.com
- 6) [147064] Re: TIS88 J-FET
by "W8TIF - Karl" <kkanalz@gcecispc.com>
- 7) [147065] OT: almost. 2002 Top electronic products of the year
by Jerry Lofstead <w3cde@bellsouth.net>
- 8) [147066] CK722 article
by "Harold Smith" <harold.smith1@worldnet.att.net>
- 9) [147067] Re: RS Power Pack on sale
by J38AL@aol.com
- 10) [147068] FS: R33-050-750 \$10.00 each
by "Tracy Markham" <n4lgh@waveguide.us>
- 11) [147069] Semi OT: Antenna setup for mobiling
by "Mike" <kw1nd.web@homeinternet.net>
- 12) [147070] FOX: Week 18 Announcement
by "Pat Cain, K0PC" <pcain@ix.netcom.com>
- 13) [147071] What's the date?
by "Max Moon" <maxmoon@umn.edu>
- 14) [147072] Trying to go Mac
by wkhibbert@juno.com
- 15) [147073] Re: Older IC's
by J38AL@aol.com
- 16) [147074] Need address, pse
by "Oleg V. Borodin" <master72@lipetsk.ru>
- 17) [147075] Screwdriver antenna
by "Ron Pfeiffer" <n1zsw@hotmail.com>
- 18) [147076] Re: Copiable CW Signals & 1.56dB
by Ade Weiss W0RSP <adeweiss@sd.value.net>
- 19) [147077] FS: SWL DSW-40 in Blue Anodized Case

by "John Paul Dooley" <portscom@hotmail.com>
20) [147078] HTX-10 On Sale(?)
by "William Phinizy" <k6whp@verizon.net>
21) [147079] A Plea for Empathy: The Case for Detenting the MULTI Control on the Argonaut V
by "Bruce Prior" <n7rr@hotmail.com>
22) [147080] My favorite QRP / kit cartoon
by jacksonharbor@att.net
23) [147081] Re: Yaesu FT-100 knob?
by "rmcnelly@cox.net" <rmcnelly@cox.net>
24) [147082] Cabela's not carrying the Black Widow telescoping pole
by "Stuart Rohre" <rohre@arlut.utexas.edu>
25) [147083] Re: TIS88 J-FET now CK722
by Gary Halpern <gary.halpern@sympatico.ca>
26) [147084] Fwd: 13th OQRPC: The OPs'voice
by dl6aaf@t-online.de (Uwe Meier)
27) [147085] Antenna today...
by "Mike Yetsko" <myetsko@insydesw.com>
28) [147086] Re: CK722 found
by "Pederson, Glenn" <gpeder@elnet.com>
29) [147087] NEQRP CW Net, Thursday, 6 Mar 03, 08:30 PM EST, 3.565 MHz
by Chuck Ludinsky <cjl@mitre.org>
30) [147088] Very OT help needed
by "Juan Ferrari" <puntrad@usa.net>
31) [147089] Internal Battery for Z11 tuner
by Peter Abraham - KB7INO <kb7ino_egroups@yahoo.com>
32) [147090] A couple of CWS Bytemark specials
by Mike Czuhajewski <wa8mcq@comcast.net>
33) [147091] CK 722 early ham circuits
by "Stuart Rohre" <rohre@arlut.utexas.edu>
34) [147092] Results - March Spartan Sprint!
by "John Huffman" <hjohnc@core.com>
35) [147093] FS MFJ QRP Setup Rig, Tuner, Power Pack all stacked
by "Kevin Gray" <k8su@adelphia.net>
36) [147094] Re: Semi OT: Antenna setup for mobiling
by "Mike Yetsko" <myetsko@insydesw.com>
37) [147095] Re: Cabela's not carrying the Black Widow telescoping pole
by "Mark Andrews \ (KE4IOF\)" <KE4IOF@ke4iof.com>
38) [147096] Re(OT): Very OT help needed
by "Joe Martin" <km5cw@arrl.net>
39) [147097] Re: CK722 found
by Pete Burbank <plburbank@earthlink.net>
40) [147098] Black Widow 20 ft. pole
by "Jess Gypin" <jessmx5@earthlink.net>
41) [147099] Re: What's the date?
by alan.kaul@att.net
42) [147100] Re: What's the date?
by alan.kaul@att.net

- 43) [147101] Re: What's the date?
by Paul Womble <pwomble1@tampabay.rr.com>
- 44) [147102] Re: Cabela's not carrying the Black Widow telescoping pole
by "Dave Martin" <k2zu@seanet.com>
- 45) [147103] Re: OT: almost. 2002 Top electronic products of the year
by Pete Burbank <plburbank@earthlink.net>
- 46) [147104] Re: Cabela's not carrying the Black Widow telescoping pole
by Dave Hottell <hottell@gulftel.com>
- 47) [147105] Re: CK722 found
by "John" <digi2@earthlink.net>
- 48) [147106] Re: Shipping to Canada
by "flesnick" <flesnick@tbaytel.net>
- 49) [147107] Re: FOX: Week 18 Announcement
by Pete Burbank <plburbank@Earthlink.net>
- 50) [147108] Re: [Semi OT: Antenna setup for mobiling]
by "P. Ermisch" <ermisch@usa.net>
- 51) [147109] Black Widow Pole @ Worldradio
by Chuck Carpenter <w5usj@9plus.net>
- 52) [147110] Re: Shipping to Canada
by Jim Thiessen <jthiessen@videotron.ca>
- 53) [147111] Re: Copiable CW Signals & 1.56dB
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 54) [147112] Re: Copiable CW Signals & 1.56dB
by "Karl F. Larsen" <k5di@zianet.com>
- 55) [147113] Re: FOX: Week 18 Announcement
by W2AGN <w2agn@w2agn.net>
- 56) [147114] Re: Very OT help needed
by "Juan Ferrari" <puntrad@usa.net>
- 57) [147115] Re: What's the date?
by David Hinerman <WD8CIV@worldnet.att.net>
- 58) [147116] Re: Re(OT): Very OT help needed
by David Hinerman <WD8CIV@worldnet.att.net>
- 59) [147117] Re: FOX: Week 18 Announcement
by Pat Cain <pcain@ix.netcom.com>
- 60) [147118] RE: [Semi OT: Antenna setup for mobiling]
by "K8YS/N8LBR" <jbcraft@adelphia.net>
- 61) [147119] SOLD!! SWL DSW-40 in Blue Anodized Case
by "John Paul Dooley" <portscom@hotmail.com>
- 62) [147120] Earliest Transistorized QRP rig?
by Kenneth Hoglund <hoglund@wfu.edu>
- 63) [147121] Re: Semi OT: Antenna setup for mobiling
by Jerry Lofstead <w3cde@bellsouth.net>
- 64) [147122] Re: Earliest Transistorized QRP rig?
by ac7a@earthlink.net
- 65) [147123] Re: Earliest Transistorized QRP rig?
by David Hinerman <WD8CIV@worldnet.att.net>
- 66) [147124] Re: Earliest Transistorized QRP rig?
by "Garey Barrell" <k4oah@mindspring.com>

- 67) [147125] OT Date/Time/Group
by "W2WU" <w2wurjj@verizon.net>
- 68) [147126] Re: Earliest Transistorized QRP rig?
by "Garey Barrell" <k4oah@mindspring.com>
- 69) [147127] RE: Earliest Transistorized QRP rig?
by "Chris Horne" <CHorne@rfmd.com>
- 70) [147128] old transistor specs
by "Glen Leinweber" <leinwebe@mcmail.cis.mcmaster.ca>
- 71) [147129] RE: Screwdriver antenna
by Mark Schoonover <schoon@amgt.com>
- 72) [147130] RE: Earliest Transistorized QRP rig?
by Steve Holloway <wsholloway1@yahoo.com>
- 73) [147131] Re: Copiable CW signals & 1.56dB - longer than necessary
by "dan wanchic" <wa8vzq@cloudnet.com>
- 74) [147132] Re: Very OT help needed
by William R Colbert <w5xe@juno.com>
- 75) [147133] Re: Earliest Transistorized QRP rig?
by William R Colbert <w5xe@juno.com>
- 76) [147134] Low Cost Power Supplies
by "Tim, N9PUZ" <n9puz@arrl.net>
- 77) [147135] RE: Earliest Transistorized QRP rig?
by "n2cx" <n2cx@voicenet.com>
- 78) [147136] Re: Earliest Transistorized QRP rig?
by "Ray Goff" <radioham@gmx.co.uk>
- 79) [147137] RE: What's the date?
by "S. Bryan Williams" <sbw1@enter.net>
- 80) [147138] Re: Low Cost Power Supplies
by David Hinerman <WD8CIV@worldnet.att.net>
- 81) [147139] NC20 sidetone difference
by "Carel Mulder" <cmulder@wanadoo.nl>
- 82) [147140] Scope Probe
by "Brian Murrey" <brian@iquest.net>
- 83) [147141] Re: Earliest Transistorized QRP rig?
by "John" <digi2@earthlink.net>

Date: Wed, 5 Mar 2003 10:11:40 -0800
From: "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <grp-l@lehigh.edu>
Subject: [147059] Re: RS Power Pack on sale
Message-ID: <000c01c2e342\$ad19efa0\$b93ecd18@charterpipeline.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I bought one of the RS Packs about 3-4 weeks ago when they were a \$19.95

coupon special. I followed charging instructions and the unit failed to hold a complete charge so I returned it in exchange for another. The second unit holds a charge and appears to work fine. In addition to all the "regular" uses for the power pack, you can also use it to power your ham station on ARRL's Field Day, entitling you to enter category 1E (1 xmtr, emergency power!!).

The RS Unit I bought also has a small fluorescent light in the handle.

I previously bought a similar unit at Price Costco (made by another manufacturer, and weighing about twice as much). During three different power outages over 2-years (one lasted 3-days!!) I was able to make use of the unit to power both a small TV set and an automobile-style trouble light.

IF you don't have one (and I'm speaking generically and not specifically to the RS unit), it is a VERY HANDY DEVICE to have around.

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Wed, 5 Mar 2003 11:33:11 -0700
From: "Torell Kent-P12255" <Kent.Torell@gd-decisionsystems.com>
To: <qrp-l@Lehigh.EDU>
Subject: [147060] Re: CK722 found
Message-ID: <842436234E142149AD86D8C6DC1D6A7A3A40E8@AZ25EXM01N1.gddsi.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

There is a nice article in the IEEE Spectrum monthly magazine (March = 2003) covering the 50th anniversary of the CK722; they were fallout = parts from hearing aid manufacture, and they sold them through radio = shack to experimenters. As they continued to shrink the part, they = repackaged them in the original case so they 'looked' the same.

pictures/stories at <http://www.ck722.com>, =
<http://www.transistormuseum.com> and <http://users.arczip.com/rmcgarra1>.

Kent Torell 480-675-2003 Fax 480-441-8400
General Dynamics Decision Systems
Systems and Information Services Section
8201 E. McDowell Road H2171

Scottsdale, AZ 85252
=20

Date: Wed, 5 Mar 2003 12:40:38 -0600
From: "David Bixler" <qrp@netins.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [147061] Wednesday Warble Tonight
Message-ID: <000101c2e346\$b7610580\$e915b9cc@Host>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello gang:

Tonight at 9 PM central time, the Four State QRP Group has our weekly Wednesday Warble on 3580.5 KHz PSK-31 mode. All QRP'ers are welcome to join our informal roundtable chat.

Time to fire up those Warblers (or any other PSK capable rig) and join the roundtable. Nothing formal, just some fun with QRP.

72, Dave W0CH Seneca, MO

QRP: Little radios, Big Fun!

QRP Web Site: <http://w0ch.com>
Four State QRP Group: <http://w0ch.com/fsqrp>

Date: Wed, 5 Mar 2003 12:49:31 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: bob evinger <wd9eka@evinger.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [147062] Re: Shipping to Canada
Message-ID: <Pine.LNX.4.33.0303051248320.24015-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Bob...I have had a lot of qrp equipment kits shipped to me from the USA...I find the best and least expensive and least hassle way is to ship it via the post office...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

On Wed, 5 Mar 2003, bob evinger wrote:

> Please respond directly. I have a couple of items that someone in Canada
> is wanting to buy off of me. Never dealt with shipping to Canada as a
> private individual. A company I used to work for used to have all kinds of
> headaches supporting customers in Toronto and Quebec because of their
> import tariffs?
>
> Anybody here in the US dealt with private sales to Canada of ham gear and
> how best to deal with getting the money in the right units and all that
> stuff please respond to me directly.
>
> thanks
> bob
>
>
> --
> Bob Evinger WD9EKA/AAR5MG(Army MARS operator)
> If Guns Cause Crime, Then Matches Cause Arson.
>

Date: Wed, 5 Mar 2003 13:57:35 EST
From: J38AL@aol.com
To: qrp-l@lehigh.edu
Subject: [147063] Re: RS Power Pack on sale
Message-ID: <1e7.3aeb546.2b97a29f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I bought one of these with a coupon for \$39.95, \$29 sounds much better. The specs on the box are as follows;

Battery; Sealed Lead Acid
12 Volts DC (Nominal)
10 Amp/Hour Capacity
350 Amp Boost Rate

Charging Time; 18 to 20 Hours With AC Adapter (12v 500mA)
5 to 8 Hours With 12 Volt Car Cord

Also has dual lighter sockets, 4 watt fluorescent lamp, 24" jumper cables
and a 3 LED battery level indicator.

72,73, A1 N2ZHS
Scotia, NY
< <http://members.aol.com/n2zhs/n2zhs.html> >

Date: Wed, 5 Mar 2003 13:14:55 -0600
From: "W8TIF - Karl" <kkanalz@gcecis.com>
To: <digi2@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [147064] Re: TIS88 J-FET
Message-ID: <033b01c2e34b\$82060480\$c71a0ed0@HamShack>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I can remember buying the CK722 (made by Raytheon at the time) for \$0.99
each.

They are ALSO "photo sensitive".... if you gently file off the outer
coating on the flat top surface!

Karl K - W8TIF
McKinney, Texas
----- Original Message -----
From: "John" <digi2@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, March 04, 2003 1:54 PM
Subject: Re: TIS88 J-FET

> Pete,
> How much did the CK722 go for? I believe that I still have one
> around here someplace I thought maybe I could sell it on eBay and use the
> money to buy me an RV.
>
> John K7SVV
>
> ----- Original Message -----

> From: "Pete Burbank" <plburbank@earthlink.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Tuesday, March 04, 2003 11:50 AM
> Subject: Re: TIS88 J-FET
>
>
> > BTW a CK722 was up for auction on ebay awhile back,,,,HI! :-)
>
> > 73
> > Pete
> > NV4V
> >
> >
>
>
>
>
>

Date: Wed, 05 Mar 2003 14:41:53 -0500
From: Jerry Lofstead <w3cde@bellsouth.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [147065] OT: almost. 2002 Top electronic products of the year
Message-ID: <3E665301.64462F87@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For anyone interested in technology, this is a list of the top products of last year. Some real neat stuff, including a 3D display with out goggles!! Some new neat silicon stuff too.

Jerry W3CDE
Atlanta,GA

[http://www.electronicproducts.com/ShowPage.asp?
SECTION=3700&PRIMID=&FileName=janpoy.jan2003](http://www.electronicproducts.com/ShowPage.asp?SECTION=3700&PRIMID=&FileName=janpoy.jan2003)

Date: Wed, 5 Mar 2003 14:47:01 -0500
From: "Harold Smith" <harold.smith1@worldnet.att.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [147066] CK722 article
Message-ID: <002e01c2e34f\$fe51f220\$6b0a550c@tinker>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Since there seems to be some interest in the CK722, I will mention that the current (March 2003) issue of IEEE Spectrum magazine has a long article on that very transistor. It's interesting. If you're not a member of IEEE, you might be able to find the magazine in a library.

There are also some URLs listed for further reading. They are:
<http://www.transistormuseum.com>
<http://www.ck722.com>
<http://users.arczip.com/rmcgarra1>

Enjoy!

de KE6TI, Harold

Date: Wed, 5 Mar 2003 14:48:56 EST
From: J38AL@aol.com
To: qrp-l@lehigh.edu
Subject: [147067] Re: RS Power Pack on sale
Message-ID: <1db.46f5ea4.2b97aea8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

oops, Just got the RS sale flyer and see that my previous post was for the other Coleman jump starter that RS sells cat # 270-4123, not the one on sale now. Sorry. But the other one is a nice unit, don't know anything about the 270-4121.

In a message dated 3/5/03 1:57:35 PM Eastern Standard Time, J38AL@aol.com writes:

<< I bought one of these with a coupon for \$39.95, \$29 sounds much better. The specs on the box are as follows;

Battery; Sealed Lead Acid
12 Volts DC (Nominal)
10 Amp/Hour Capacity

350 Amp Boost Rate

Charging Time; 18 to 20 Hours With AC Adapter (12v 500mA)
5 to 8 Hours With 12 Volt Car Cord

Also has dual lighter sockets, 4 watt fluorescent lamp, 24" jumper cables
and a 3 LED battery level indicator.

72,73, A1 N2ZHS
Scotia, NY
< <http://members.aol.com/n2zhs/n2zhs.html> > >>

Date: Wed, 05 Mar 2003 11:59:04 -0800
From: "Tracy Markham" <n4lgh@waveguide.us>
To: qrp-l@lehigh.edu
Subject: [147068] FS: R33-050-750 \$10.00 each
Message-ID: <200303051956.h25Ju0JD012968@rain.CC.Lehigh.EDU>

Well, it's been a long time since I sent a clearance note to this list,
but this one is TOO good not to let you guys know about.

Ferrite rod R33-050-750 is usually \$20 each in single quantities. We
ordered too many of them for a special project, and I'm clearing out the
last few hundred of them at \$10.00 each. That's half off.

My part number is R-050750-33.

If you want to be notified of other clearances on ferrite and powdered
iron parts, go to
<http://www.bytemark.com/specials.htm>

Thanks!
Tracy N4LGH

Tracy Markham
CWS ByteMark
Coil Winding Specialist
tracy@bytemark.com
tracy@coilws.com
800-679-3184 orders
714-547-3276 tech support

Date: Wed, 5 Mar 2003 12:57:20 -0700 (MST)
From: "Mike" <kw1nd.web@homeinternet.net>
To: <qrp-1@Lehigh.EDU>
Cc: <elecrafter@mailman.qth.net>
Subject: [147069] Semi OT: Antenna setup for mobiling
Message-ID: <4407.156.153.254.2.1046894240.squirrel@webmail.velocitus.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

I'm considering trying mobiling for the first time (just SSB). A friend is picking up one of the closeout RS HTX-10 10m rigs for \$70 for me. While 48" mag-mount whips are available for 10m, I'd prefer to try out a Hamstick/Valor/Iron Horse-type single-band antenna.

My primary question is what types of mounts are suitable. The car is a '90 Accord (my commuter car), without a hitch-mount currently installed. I know 3-magnet mounts would work, but they're not exactly attractive. I will be removing at least the whip daily, so the quick release mounts available from Valor or Iron Horse look handy.

Is a trunk-lip mount strong enough for an 8' fiberglass whip?
Is a base spring necessary?

Thanks!

73,

Mike, KW1ND

Date: Wed, 5 Mar 2003 12:04:00 -0600 (CST)
From: "Pat Cain, K0PC" <pcain@ix.netcom.com>
To: qrp-1@lehigh.edu
Subject: [147070] FOX: Week 18 Announcement
Message-ID: <3427638.1046894645211.JavaMail.nobody@bert.psp.pas.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=646
Content-Transfer-Encoding: quoted-printable

Greetings to all Honorable Hounds.

I will be serving as your target Fox on Thursday (along with Jerry, W=C3=83=

=CB=9CMC). I will be somewhere above 7.040 and waiting for your call.

Thanks & 73,
Pat K=C3=83=CB=9CPC

Date: Wed, 5 Mar 2003 14:09:48 -0600
From: "Max Moon" <maxmoon@umn.edu>
To: <qrp-l@Lehigh.EDU>
Subject: [147071] What's the date?
Message-ID: <001401c2e353\$2d1f1e40\$9739fea9@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks--

I just got a QSL card from the DXpedition to Moorea, fo0pt. In the envelope was a photocopied letter to "Dear Radiofriend" from fo0pt opr/QSL manager dj0fx. In his letter, Walt talked about a number of subjects including the cost of airmail, saving whales, and one way hams could try to fight QRO bandit or pirate operators (e.g. fishing fleets) on amateur HF bands.

He also asked all of his Radiofriends to "Please... write the Month in LETTERS!!... The new Standard in the world is: 2003 Jan.07."

He explains how date inconsistencies makes it hard to check QSOs. There is a lot of inconsistency with number-only dates (e.g., 02/07/03, 07/02/03, 03/02/07 all mean the same date one place or another; similarly, 02/07/03 can mean July 2, 2003 or July 3, 2002 or February 7, 2003). It all makes sense to me and I'll probably start to use "2003 Mar.05" myself. But I never heard about this "new Standard in the world."

Have any of you heard about this? Who establishes such a standard?

Thanks--
Max, k0max

Date: Wed, 5 Mar 2003 15:25:39 -0500
From: wkhibbert@juno.com
To: qrp-l@lehigh.edu
Subject: [147072] Trying to go Mac
Message-ID: <20030305.152543.-409135.0.wkhibbert@juno.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. Keith here in the Depths of the Great Bergen Swamp

I was given a mostly functional Mac PowerBook 5300ce in December. I am now ready to attempt to integrate it into the station here. First off, i have to get the Email packages up & running.

I have a Practical Peripheral 33.6K external modem and a US Robotics Sportster 28.8 K external. The wall warts that I was given with them are listed as 9 volts AC, but I used to run the Sportster on a 12 volt DC wart. I had a local dealer tell me that the 9 VAC is correct, but the 12VDC souce will work as the bridge just acts as an array of steering diodes in the DC mode.

This does not 'feel' right, but I guess I'll have to give it a try. The worse that will happen is that the Majik Smoke will escape...

Anyway, other than the limited software I see on a couple of websites, where can one get a decent collection of amateur radio-related Mac software?

Direct replies if you would.

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"

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Date: Wed, 5 Mar 2003 15:35:06 EST
From: J38AL@aol.com
To: qrp-1@lehigh.edu, bjtatum@ev1.net
Subject: [147073] Re: Older IC's
Message-ID: <1e5.3ae1ebd.2b97b97a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Byron,

I took a look through my junk box, ok, it's my entire basement, and found a LM387, old RS # 276-1737, low noise dual preamp. If you can use it, it's yours. What is the NE5514 IC ?? Could be one of them around here somewhere too. I'll keep looking.

72,73, A1 N2ZHS

Scotia, NY

< <http://members.aol.com/n2zhs/n2zhs.html> >

<<Subject: Older IC's

From: Byron Tatum (bjtatum@ev1.net)

Date: Mon Mar 03 2003 - 22:46:59 EST

--

Hello-

I am just now getting around to putting together the "R-2" high performance single-signal DC receiver and was hoping to find someone who could offer some help with 2 parts:

LM387 and NE5514

I have been searching for suppliers and have had limited success. Are there replacements for these devices?

I was hoping to find a single supplier for both parts but struck out. Have a couple of R-2 boards to populate, thanks, Byron WA5THJ. >>

--

Date: Wed, 5 Mar 2003 23:59:34 +0300

From: "Oleg V. Borodin" <master72@lipetsk.ru>

To: "QRP-L" <qrp-l@lehigh.edu>

Subject: [147074] Need address, pse

Message-ID: <000f01c2e35a\$554f0900\$d7e522c3@user.lipetsk.ru>

MIME-Version: 1.0

Content-Type: text/plain;

charset="koi8-r"

Content-Transfer-Encoding: 7bit

Dear friends!

I need e-mail and post-address of OK1DVX / QRP op. Lada in Praha.
I saerch at QRZ.COM but nothing, sorry. If anybody can help, I be very
thankfull.

72! de RV3GM/QRP
Oleg V. Borodin

Date: Wed, 05 Mar 2003 16:05:12 -0500
From: "Ron Pfeiffer" <n1zsw@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [147075] Screwdriver antenna
Message-ID: <F23RhtgUwhZ4XXUvCQe000283db@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I am looking at a screwdriver antenna for mobile use. Does
anyone know the pros/cons between "finger stock" and
High Sierra's "spring" connection to the coil?

Ron

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<http://join.msn.com/?page=features/junkmail>

Date: Wed, 05 Mar 2003 15:31:18 -0600
From: Ade Weiss W0RSP <adeweiss@sd.value.net>
To: qrp-1@Lehigh.EDU
Subject: [147076] Re: Copiable CW Signals & 1.56dB
Message-ID: <B6NM6ZJFJIJFVRAICFBPOE9JIUS8798.3e666ca6@aweiss>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

Hi all: I would add to Dr. Mega's observations that during a hearing test
a couple of years ago, I charmed the audio tech into letting me see
what my lower limit of signal-difference detection was. She said that,
on average, people can detect something like a 1.56dB difference.

She tested me at 1.65dB. This is without noise, of course. I forget whether she was doing power or voltage -- probably voltage dB.

But I was surprised by this, since all we ever hear is 6dB or 1 S-unit is the minimum difference that the human ear can detect.

So, when we get into these threads which treat 2dB of coax loss as insignificant, maybe we ought to respect the dB a little more in antenna discussions.

72, Ade
W0RSP

Date: Wed, 5 Mar 2003 13:33:14 -0800
From: "John Paul Dooley" <portscom@hotmail.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [147077] FS: SWL DSW-40 in Blue Anodized Case
Message-ID: <0E461hu3TS1NcY6WmX700011465@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gentlemen:
The original: DSW-40 in case (newest run with round corners), 10 outta 10 operation and cosmetic. Yours for \$150 plus 1/2 shipping, prefer USPS & CONUS please. -73
John W6ZIP
Victorville, Ca.

Date: Wed, 5 Mar 2003 13:43:54 -0800
From: "William Phinizy" <k6whp@verizon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [147078] HTX-10 On Sale(?)
Message-ID: <000501c2e360\$534128e0\$f464e043@sydelpgnr79gmd>
MIME-Version: 1.0
Content-Type: text/plain;

charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Word of advice:

Just hit a Radiuo Shack yesterday and inquired as to the current price of the HTX-10 10-meter rig. I was told that they are going out the door at \$69.95 per copy when found in the store..

..and the hits just keep on coming!

72,

Bill, k6whp

Date: Wed, 05 Mar 2003 22:07:58 +0000
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [147079] A Plea for Empathy: The Case for Detenting the MULTI Control on the Argonaut V
Message-ID: <BAY1-F68dAxSgwzut9D0002a058@hotmail.com>
Mime-Version: 1.0
Content-Type: text/html

```
<html><div style='background-color:'><DIV>
<P class=MsoNormal style="MARGIN: 0cm 0cm 0pt; TEXT-ALIGN: center"
align=center><SPAN style="FONT-SIZE: 12pt"><?xml:namespace prefix = o ns =
"urn:schemas-microsoft-com:office:office" /><o:p><FONT face="Book
Antiqua">&nbsp;</FONT></o:p></SPAN></P>
<P class=MsoNormal style="MARGIN: 0cm 0cm 0pt"><SPAN style="FONT-SIZE: 12pt"><FONT
face="Book Antiqua">By now many of you have either received in the mail or you
have bought from a newsstand the March issue of <B style="mso-bidi-font-weight:
normal">CQ Amateur Radio</B>.<SPAN style="mso-spacerun: yes">&nbsp;</SPAN>You
know from reading my review in that magazine that I think the Argonaut V is a
mighty fine radio.<SPAN style="mso-spacerun: yes">&nbsp;</SPAN>I have used Ten-
Tec equipment for a number of years.<SPAN style="mso-spacerun: yes">&nbsp;</
SPAN>I have a great deal of respect for Ten-Tec and its excellent employees.<SPAN
style="mso-spacerun: yes">&nbsp;</SPAN>I appreciate the fact that Ten-Tec is
accessible to its customers.<SPAN style="mso-spacerun: yes">&nbsp;</SPAN>Ten-
Tec's stellar reputation for customer service has been hard-won, one customer and
one radio at a time.<o:p></o:p></FONT></SPAN></P>
<P class=MsoNormal style="MARGIN: 0cm 0cm 0pt"><SPAN style="FONT-SIZE:
12pt"><o:p><FONT face="Book Antiqua">&nbsp;</FONT></o:p></SPAN></P>
<P class=MsoNormal style="MARGIN: 0cm 0cm 0pt"><SPAN style="FONT-SIZE: 12pt"><FONT
face="Book Antiqua">As a courtesy to Ten-Tec, I forwarded to them a draft of the
```

Argonaut V review before I submitted it to <B style="mso-bidi-font-weight: normal">CQ Amateur Radio for publication. In that draft review, I included a suggestion that the unlabeled MULTI control be detented. I did not call for detenting of the ALC and Power controls, or of the main tuning encoder control, or of the AF gain or squelch control. I only mentioned detenting for the MULTI control. My reasoning was that, like the rotary bandswitches of yesteryear, the MULTI control is used to select a limited number of steps. A Ten-Tec official told me that detenting was deliberately not used in!

the Argonaut V because of an overwhelming preference by its customers for smooth, linear rotary controls. I took that comment at face value and I decided to omit my complaint about the MULTI knob action from the version which was published in <B style="mso-bidi-font-weight: normal">CQ Amateur Radio. <o:p></o:p></P>

<P class=MsoNormal style="MARGIN: 0cm 0cm 0pt"><o:p> </o:p></P>

<P class=MsoNormal style="MARGIN: 0cm 0cm 0pt">I was most interested, therefore, to read the following comment in Rick Lindquist's review of the Argonaut V to be published in the April issue of <B style="mso-bidi-font-weight: normal">QST, and now available to ARRL members on its website: "Another minor gripe: The MULTI knob, which is so important to many menu and function settings and adjustments, turns continuously, <I style="mso-bidi-font-style: normal">not</I> in discrete steps. As a result, it slips easily from one setting . . . to the next, unless you're very careful manipulating it. Some may actually prefer this approach; it's a matter of individual preference." For N1RL, this is a "minor gripe." !

I would have included it in my "quibbles" list.<o:p></o:p></P>

<P class=MsoNormal style="MARGIN: 0cm 0cm 0pt"><o:p> </o:p></P>

<P class=MsoNormal style="MARGIN: 0cm 0cm 0pt">For both Rick and me, the lack of a detented MULTI knob on the Argonaut V is no big deal. The reason is that if we overshoot a particular setting, we can see what we've done on the LED display, and we can back up and adjust the knob. Both Rick and I have pretty decent visual acuity.<o:p></o:p></P>

<P class=MsoNormal style="MARGIN: 0cm 0cm 0pt"><o:p> </o:p></P>

<P class=MsoNormal style="MARGIN: 0cm 0cm 0pt">Look at the subject of this posting: "A Plea for Empathy. . . ."

yes"> It doesn't read "A Plea for Sympathy. . . ." What is a minor irritant for Rick and me is a significant impediment for operators who are blind or who have a major vision impairment. These people have no wish for our sympathy or pity. What they crave is our understanding, or more precisely, our empathy. If engineers can design a piece of equipment which, with a minor modification, will make it useable by both blind and sighted customers, then by all means the change should be made. Notice that I s!

peak of customers. A company which pays attention to all potential customers, including those with disabilities, will have more customers.<o:p></o:p></P>

<P class=MsoNormal style="MARGIN: 0cm 0cm 0pt"><o:p> </o:p></P>

<P class=MsoNormal style="MARGIN: 0cm 0cm 0pt">In order to make products which will be useful both to customers with disabilities and to those who are able-bodied, engineers need to practice empathy. They need to put themselves in the place of both groups of customers. When I decided to omit my complaint about the lack of detenting in the MULTI knob in my Argonaut V review in CQ Amateur Radio, I was only thinking about myself. I was oblivious to the importance of the issue for blind radio amateurs.<o:p></o:p></P>

<P class=MsoNormal style="MARGIN: 0cm 0cm 0pt"><o:p> </o:p></P>

<P class=MsoNormal style="MARGIN: 0cm 0cm 0pt">Carl Moreschi, N4PY, has modified his control software for the Argonaut V so that users will have the option of audio enunciation of a number of variables. (See <http://www.ralabs.com/n4py>). I look forward to hearing how the N4PY software works out for blind radio amateurs. I know, however, that the Argonaut V will be considerably easier for blind amateurs to use with the N4PY software after Ten-Tec decides to use detented encoders for the MULTI control in future production runs. <o:p></o:p></P>

<P class=MsoNormal style="MARGIN: 0cm 0cm 0pt"><o:p> </o:p></P>

<P class=MsoNormal style="MARGIN: 0cm 0cm 0pt">73, Bruce Prior N7RR <o:p></o:p></P></DIV></div><br clear=all><hr>MSN 8 helps ELIMINATE E-MAIL VIRUSES. Get 2 months FREE*.</html>

Date: Wed, 05 Mar 2003 22:46:29 +0000
From: jacksonharbor@att.net
To: qrp-l@lehigh.edu
Subject: [147080] My favorite QRP / kit cartoon
Message-ID: <200303052246.h25MkUJD026949@rain.CC.Lehigh.EDU>

Gang -

My favorite QRP / kit cartoon:

<<http://jacksonharbor.home.att.net/charlie.htm>>

Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press
<<http://jacksonharbor.home.att.net/>>

Date: Wed, 05 Mar 2003 18:22:21 -0500
From: "rmcnelly@cox.net" <rmcnelly@cox.net>
To: <dock0evz@earthlink.net>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [147081] Re: Yaesu FT-100 knob?
Message-ID: <BA8BF0DD.50F6F%rmcnelly@cox.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Doc,

I've got one I'll send ya for \$12 shipped (includes rubber outer ring).
I've posted to the list as well, didn't get a reply from private email.

72/73,

--Rick, KE4IZH
K2#663/Sierra
'93 ST1100
STOC#3210
'83 GL650i
Chesapeake, Va

Date: Wed, 5 Mar 2003 18:12:17 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-l@Lehigh.EDU>
Subject: [147082] Cabela's not carrying the Black Widow telescoping pole
Message-ID: <004b01c2e375\$0c713620\$4e100a0a@rohredt2000>

For those interested in vertical antenna supports that telescope, some bad news from the frequent supplier: This note from Alan, KB7MBI:

"I am not a part of QRP-L but feel this would be of general interest to the group. I tried locating the BLACK WIDOW in their online catalog and when I failed, sent them a note. Their response which was confirmed with a followup phone call stated they no longer carry them--Sorry was the response

Alan KB7MBI"

If others know of alternate sources---please chime in. A shorter pole was carried near the coast by Wal Mart, for I got one of those about 15 feet long.

72,

Stuart K5KVH

Date: Wed, 05 Mar 2003 18:21:52 -0500
From: Gary Halpern <gary.halpern@sympatico.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [147083] Re: TIS88 J-FET now CK722
Message-ID: <3E668690.B2179189@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Peter et al.

The CK722s sold for \$ 41.00 Feb 26/03 (one unit)
\$52.00 Mar 2/03 9 (NOS one unit)

Well there must be a market for the 2N107's and 2N170's. I have about 50 of the PNP's. Each has a tiny metal toque.

Gary

Pete Burbank wrote:

> At 10:48 PM 3/4/2003, Gary Halpern wrote:
> >Well that "cash" of 2N107's I bought in the 60's may be worth something. I
> >wonder if the 2N170's have gone down in value?
> >
> >Gary
> >VA3GH
> Gary ,
> Put them on ebay and see. HI! I rarely check there but a friend does and
> he might know what the CK722
> went for as I did not follow the bidding. Life is too short! ...:-) :-)
> 73 to all
> Pete NV4V

Date: Thu, 6 Mar 2003 01:30:40 +0100 (MET)
From: dl6aaf@t-online.de (Uwe Meier)
To: qrp-1@lehigh.edu
Subject: [147084] Fwd: 13th OQRPC: The OPs'voice
Message-ID: <200303060030.BAA00324@joringel.t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

From: DJ7ST @ DB0ABZ.#NDS.DEU.EU

QRP-CONTEST-COMMUNITY
c/o Dr. Hartmut Weber, DJ7ST
Schlesierweg 13
D-38228 SALZGITTER

03-Mar-2003

13th OQRP-CONTEST (28/29-Dec-2002), Comments

Dear OQRPC-Friends,

here are the comments made by participants of the 13th OQRPC.
We received a gratifyingly large amount of feedback in the shape of
homebrew activities including antennas stimulated/accelerated by
the contest. The compared to the summer event favourable conds on
Sunday provoked further numerous remarks:

- - - - -

Thank you for organizing the OQRPC, one of my highlights in the amateur radio year. After employing an FT-817 in the December contest, I regretfully returned to my "junk rigs". They slow me down somewhat, but homemade is just more fun... (OE8GBK)

The "Sparrow" won its test of verification. It was quite a struggle to complete it in time for the contest...but that was worth its while, the RX is superb (DL2FI/p)

I probably was the easternmost participant...that's why I entered in class MP...thus I became "crocodile" for the first time (UT5UAK)

I'm not really a "contester", and when I'm only a "point" they shall do some work to earn it, hi. Even in the friendly OQRP-Contest (really more like a QSO party) (PA9RZ)

I always wanted to participate, but my previously used transceivers did not comply with the basic rules. So this is the first time for me. I have found a lot of fun with OQRP! (EA4RJ)

I frequently enter the CQ-WPX QRP class using a TS-120 with reduced power. But a homemade, crystal controlled rig is a totally different affair... I was delighted by the small transceiver's (RockMite) performance as well as the participants' behaviour and ham spirit (DL2KDW)

Just finished Norcal 20, first QSOs were made in OQRPC (PA3FGI)

Tks for contest...happy checking (G3VIP) Classy QRP! (DL8DZV)

Tnx fer ufb contest (SP5AGU) Fb event, this contest (DF1UQ)

Again many old acquaintances, but also new calls were heard (DL6AAF)

On 28/29 December DL2FI, DL1JGS and I entered the OQRPC using our "Sparrow" QRP transceiver prototypes, the latter of which I designed... (DK1HE)

Tests of a "Current-Sum Antenna" weren't that convincing (DL1JGA)

My first OQRPC after a two years' lapse. Moving...curtailed amateur radio and QRP. One day prior to the 13th OQRPC I overcame the "inner indolence" and at long last strung a wire. Lo and behold: It worked right away (DL1AAA)

VLP is an attractive operating mode, also in a contest...(DJ3KK)

After some months I've treated my fingers to a key again (DL3ECG)

Only a few contacts but enjoyed very much being with the QRP gang (EA3EZ0)

Nice contest but sunday morning the PA valve said "good bye for ever"(OK2BTT)

...difficult conds, often very weak signals (DL1RNN)

...just for testing the rig in contest (I1XSG)

Only a few QSOs this time, the family took priority (DK1LG)

...unfortunately again family celebrations on Saturday (DL3AKF)

Please call CQ OQRP and not CQ TEST (OK2PZL)

It was a pleasure to work (agn) in contest using my old homebrew TX ...
the Bobtail Curtain antenna on 20m was fantastic (F6ACD)

Lots of fun again, good conds on 20m (DL6ABB)

This time I remembered to submit my log...(OK1FVD)

Sunday noon 1 QSO/minute, despite an SST-20 which put out less than 1w
with 10.5v of supply voltage: exceptionally good 20m-OQRPC-conds (DK0VLP)

On 40m there was a "one way skip" with many strong signals from the south,
but they did not hear me (OZ9KC)

On 20m better conds on Sunday than on Saturday (DK5RY)

With reports that good I really should try VLP (DL0NZ)

Sri, strong QRM/QRN on 80m. Met lots of old friends again (DJ3XG)

1726utc: A thunderclap, the HW-9 recoiled in fright. That was that,
good bye OQRPC! (DJ4VP)

Condx on saturday moderate, on sunday good on 20 and 40m, lots of activity
on 40m, especially DLs (PA0RB0)

Again a pleasure giving points and multipliers to my CW-friends (HB9RE)

FT-817 broken, so back to QRP+...HF propagation terrible here in London
area...failed after dark. Only 1/2 my normal number of QSOs (G0KRT)

...time permitting I'll again be giving out points in the 14th OQRPC.
This time I had to consider my only 6 months old daughter Julia (DL4ZBI).

Took part despite being ill, a case of honour (HB9JB0)

Poor conds on 28th in the evening (DL4LAC)

..all classic bands...without differentiating between handmade/PC-categories.
Results become clearer and the sportive incentive is raised (DL8MTG)

...special call sign ...celebrating ten years anniversary of the Convention
for Childrens' Rights (4N9C)

I wonder if it is allowed to use the FT-817 as RX next to a handmade TX and
still be "handmade" (PA3FSC) (Yes, it is. "Handmade" concerns the TX only)

Hope propagation in July will be better!..(ON4KAR)

...propagation was not so good on 80 & 40m, so I spent not so much time as
planned (DL4KUG)

14 Mhz vy good on 29th & pleased with result, my best ever (GM4BKV, age 80)

It was again fun to fish for weak VLP stations in the noise. Was
surprised by the very good conds on 20m (HB9HQX)

Was my TRX deaf or was there really no activity on Sunday? (DJ1KAI)

Like the Olympic Games, taking part is the important thing (DJ0GD)

QRK seemed way down. Many thanks for arranging it all (G8IB)

Even though there was only time for 20 QSOs:
QRP + CW >>> Amateur Radio simply is fun! (HB9BQB)

...operated from my second QTH at my cottage in the mountains (OK1DMP)

Had fun like always, though I could steal myself away for only a
few hours ... am looking forward to the next event (DL1AVD)

Could not start earlier than Sunday, nothing left on 80m...but many
nice European contacts on 20m (DL5ANS)

It was a nice contest...despite limited available time (DL1ARG)

Enjoyed VLP with FT-817..restricted myself to 10 QSOs on each band (OZ7MA)

This was the first time I had tried the FT-817 in a contest and it
performed well. The one item the rig does need though is a 500 Hz filter.
It was good to hear so many QRP stations enjoying themselves (GW0VSW)

...only a short stretch, but always a pleasure! (DL8NAV)

QRV Saturday evening, no QSOs due to QRN, QRM (F/DL4IW)

Newly erected antenna, only for the contest...(DJ5KZ)

Again it was delightful to meet the "QRP-Community" on the bands (DJ9KR)

It was nice contesting indoors when it was -30C outside! (OH7QR)

With only a few meters of wire on the balcony you need to be a little crazy...in the summer it will be a 40m endfed in the garden (DL7VPE)

Homemade is always good for doing something useful. I took part with pleasure, if only for an hour at a time...(DF30L)

A few QSOs but lots of fun! My thanks to all participants (DL1SMA)

Were it only conds which made some stations' signals louder and louder towards the contest's end? (DL1HTX)

It went satisfactorily considering my simple equipment (DK8SX)

The Tramp-8 is only half-finished, therefore Norcal-40. Working DL on the GP wasn't easy...(DL1KSW)

...the first time I got EA as a multiplier! (EA1KC)

Not so many participants but I met my contest friends. Hvy QRN from static rain. But still nice to do, and score is not important (PA0ATG)

This time I managed to keep this appointment. In previous years the xyl made plans for me...but I kept a quiet pace (DJ7JE)

Intended to fix two faults in the TRX just before the contest...it fell from the table, dragging matchbox and SWR meter after it. The movement went its own way, a crystal jumped out of its socket...(DL8UAW)

...the many visitors made me exceed the 9 hours break (DJ2GL)

Time was limited, but...made 25 QSOs in the end (DL3MCI)

...nice to meet many QRP-friends! (DK9EA)

...severely suffered from rain showers (strong noise in dc-rx) (DL9CE)

Unfortunately personal circumstances didn't permit the good conds' full exploitation. Again a contest which leaves a favourable impression in all respects (DJ3LR)

...my own conds weren't good either (DL9QM)

...let the FT-817 glow on the weekend...went quite well, a super supply of stations (DA0MF)

Sri, but due to an important visitor staying for the weekend I had to steal myself away for every single QSO, hi (DK2SH)

Good fun as usual, better condx this time! (M0AVN)

Excellent QSO with LY2FE: power 10mW! (SP6LV)

Much worse result than last year, should use also 80&40m next time (OK1DXK)

Very nice contest (ON5JD)

On Saturday poor conds on all three bands. Things improved again on Sunday (DK3UZ)

Despite only 6 QSOs I had fun again. Running 1.5w into an indoor antenna I didn't expect more (DL2BXC)

...was fun to bridge greater distances with 2w (DL5JAN)

...a few more stns next time? My very first try with my new built rig (OK2HWP)

..R7 vertical, which seems to do well in daytime, but poorly during the night...Good fun and nice to be able to make so many QRP friends (OZ7BQ)

Many thanks for all your hard work (G4HS0)

Low activity and bad conditions on Saturday. On Sunday big fun especially on 14 MHz! (PA0FEI)

Thanks for support of QRP activities (OK2FB)

- - - - -

bcnu in the QRP MINIMAL-ART SESSION on Ascension Day!

(translation by DK3UZ, mni tks Eddi!)

73/2 "Hal", DJ7ST

Date: Wed, 5 Mar 2003 19:34:51 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [147085] Antenna today...
Message-ID: <002701c2e378\$3c5cf1a0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, the rain ruined my chance to play hookey today to go ski.

But it DID soften the snow. As a result, I managed to get my
downed antenna out from under the white stuff. Hopefully now
I can see about getting it back up!

But things aren't looking good. I thought MAYBE I could get on
the roof over the weekend. But I just heard that this area is under
a severe weather alert for tomorrow morning. A possible 6" more
snow!

Great for skiing. Not so great for me getting back on the air soon!

Mike

Date: Wed, 05 Mar 2003 19:26:46 -0600
From: "Pederson, Glenn" <gpeder@elnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [147086] Re: CK722 found
Message-ID: <3E664F76.2482.9DCA245@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

The latest issue of the IEEE Spectrum has a great article about the CK722. The
following website is mentioned in the article.

<http://www.CK722.com>

73,

Glenn Pederson, WB9QIQ
gpeder@elnet.com

Date: Wed, 05 Mar 2003 20:36:26 -0500
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [147087] NEQRP CW Net, Thursday, 6 Mar 03, 08:30 PM EST, 3.565 MHz
Message-ID: <3E66A61A.7030906@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

The New England QRP Club's 80M CW net, WQ1RP, will meet again on Thursday, 6 March 2003, at 8:30 PM EST (01:30Z, 7 Mar 03) on or near 3.565 MHz. All hams are welcome. Net control operator will be Chuck, K1CL, operating from Chelmsford, MA.

Last week's net had a total of six participants, with generally good conditions (some QRN):

WA1CFX	Howard	Jamaica Plains, MA	579
WA8BXN	Mike	nr Cleveland, OH	589
WB1HBE	John	Chelmsford, MA	599
N1CUU	Carl	nr Gettysburg, PA	599
W1FMR	Jim	Salem, NH	599
K1CL	Chuck	Chelmsford, MA	net op

Thanks to everyone for QNI'ing. Hope to hear you all again this week.

72 DE K1CL,
Chuck

Date: Thu, 6 Mar 2003 01:41:36 -0000
From: "Juan Ferrari" <puntrad@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<fpqrp-1@mpna.com>
Subject: [147088] Very OT help needed
Message-ID: <001a01c2e381\$8824e1c0\$c80cb9cd@puntana.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang

Since 4 or 5 days I'm receiving those e-mails from Nigerians offering a part of their fortunes. As I'm not interested on having so much money so I would like to get rid of them. I remember that someone mentioned a place to inform on the activities of this people. Does anyone knows the URL.

Tnx es 72

Juan - KG4FSN

Date: Wed, 5 Mar 2003 17:42:18 -0800 (PST)
From: Peter Abraham - KB7INO <kb7ino_egroups@yahoo.com>
To: FT817@yahooogroups.com, hfpack@yahooogroups.com, qrp-1@Lehigh.EDU
Subject: [147089] Internal Battery for Z11 tuner
Message-ID: <20030306014218.6278.qmail@web20808.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello Everybody,

Sorry for cross posting over 4 groups, but I figured somebody has tried this already.

Has anybody found a suitable battery that can be placed inside the Z-11 Tuner?

I like using it with my 817, but I'd like it better if I could go out without the extra battery to power it. I tried going to Radio Shack and buying AAA battery holders, but they were too big.

Anybody have any success with this?

Thanks!

Peter

Do you Yahoo!?
Yahoo! Tax Center - forms, calculators, tips, more
<http://taxes.yahoo.com/>

Date: Wed, 05 Mar 2003 21:04:00 -0500
From: Mike Czuhajewski <wa8mcq@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: Mike Czuhajewski <wa8mcq@comcast.net>

Subject: [147090] A couple of CWS Bytemark specials
Message-ID: <005001c2e385\$1eed0300\$6401a8c0@gambrl01.md.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Tracy Markham of CWS Bytemark (I forget his call) occasionally sends out e-mails when they have a special. Here are a couple that he sent out recently. Sorry, no ten cent toroids or anything like that, but he does have some ferrite rods and litz wire, which are both useful for homebrewers. And usual disclaimers apply; no connection with the company or anything, although I did meet him at Dayton one year and know he's one of the good guys :-)

(PS--for what it's worth, he and most of CWS Bytemark used to be affiliated with Amidon in the past.)

73 and queue our pea DE WA8MCQ

Jump on this deal antenna experimenters!

R-050750-33 (old part number R33-050-750)
.5" x 7.5" #33 material ferrite rod
regular \$20 each in single quantities

NOW ONLY \$10.00 each while supplies last! Any quantity (This is the 5,000 pc price on this rod)

HURRY as there is only a small overstock on these and once we're down to regular stock level, the PRICE GOES BACK UP!

Great for LF and 160m receiving antennas, filament chokes for linear amps, etc.

To compliment those great ferrite rods, we have the following Litz wire configurations IN STOCK -

8/27
13/27
175/40
6/42
8/42
10/44

All are individually insulated with a single silk serving.

\$0.10 / foot in any size or length. Supply and price may change without notice.

Tracy Markham
CWS ByteMark
Coil Winding Specialist
reply to tracy@bytemark.com
1510 E. Edinger Ave #B
Santa Ana, CA 92705
714-547-4446
714-547-4433 fax

Date: Wed, 5 Mar 2003 20:19:18 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-l@Lehigh.EDU>
Subject: [147091] CK 722 early ham circuits
Message-ID: <023601c2e386\$cafb8800\$4e100a0a@rohredt2000>

Doubt that a CK 722 was used in a QST transmitter as the RF component. They were audio only, and sometimes not too good at that, hi!
Now, early circuits I did see had a crystal receiver followed by a CK 722, (or 2N107) , audio amplifier. One of the earliest transistor QST circuits was for a CW code practice oscillator using CK 722. (I could only buy a 2N107, and could never get it to work in that circuit!)

Most of the early RF circuits did not come out until the Surface Barrier transistors from Philco were available. Then Electronics World, I believe, had a single transistor SB100 or similar oscillator on 10m.

It was about 1959 or 60 that a number of transistor RF circuits were popularized by projects in The Transistor Radio Handbook, by Lester Earnshaw, then ZL1AAX, who later came to U.S. and did the military radio that was the prototype for the Atlas series of 180, 215 and 210 transceivers.

Later, Earnshaw founded Kachina Communications in AZ making public safety radios until the PC ham rig came from Kachina.

RCA had early RF transistors, and Motorola, and Texas Instruments, along with others long gone, CTC, Psi, etc. Philips had some nifty ones in Europe and Asia by 1965.

72, Stuart K5KVH

Date: Wed, 5 Mar 2003 21:44:00 -0500
From: "John Huffman" <hjohnc@core.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [147092] Results - March Spartan Sprint!
Message-ID: <005701c2e38a\$62a6dd50\$9ec859cf@jhuffman1t>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Results of the March 2003 Spartan Sprint
Record Breaking Sprint!

Wow, what a Sprint! For most places, the conditions were outstanding. Several stations reported scores that were personal bests, including your contest manager. Activity was high and there were plenty of stations to work from wire to wire for the two hours.

New all-time records were set in participation and scoring. We received 97 logs. This beats the previous high by 40%!!

Jim WA9TZE set a new all-time QSO record with 133 contacts!

Special Recognition, Outside Operation -

OK, so maybe March wasn't the month to add this. Weather in much of the country was sub-zero. Not a lot of incentive to get out there in the dark and the cold. Some members did the best they could:

"Although I didn't operate outside, I did operate without a "huggie" on my beer can. Does that count for anything?" - WA4CIT

There were four outsiders for March. Three were from California and one from Hawaii -

AE6N 24 points, all 20 meters

WL70/KH6 9 points, all 20 meters

AD6WE 4 points, all 15 meters

AB6UI 2 points, all 40 meters

Congratulations guys and thanks for braving the elements. I think a bunch of us would trade places with any of you!

Next Month's Bonus Recognition -

Next month we'll recognize efforts that use portable antennas. You know, something you can take with you and set up at a portable location. Start finding those wires.

Skinny Winners -

Jerry N4EO went to California to win the Skinny Division this month. His Rockmite setup weighing less than half a pound managed 21 QSOs on 20 meters to sweep the competition. Others commented on his impressive signal!

Once again, second Skinny this month was Lloyd K3ESE. Lloyd's 2 pound K1 setup managed 53 contacts on three bands. Lloyd shows it's not always the lightest rig that does well. Sometimes a bit more weight means a lot more performance.

Third in the Skinny Division was Denny N9JXY. His .68 pounds captured 14 QSOs on 40 meters.

There was plenty of Rockmite activity on 40 meters with a mini-pileup on their rock-bound frequency.

Tubby Division Winners -

Last month you needed 60 contacts to break into the top three places. This month you needed 112! Talk about outstanding conditions and skilled operators. Wow!

Jim WA9TZE captured the top spot with a personal best of 133 QSOs. That is truly an impressive score. Jim was on 20, 40, and 80 meters.

Second was Bob N4BP with 121 points, also covering the three bands.

KD7AEE was third with a four band effort netting 112 points.

K3TW just missed the 100 point mark with 99. K8FF and K7RE were in the 80's. WD7Z was in the 70's. And, six stations reported scores in the 60's.

Band by Band -

Twenty came roaring back after a few months of poor conditions. But, eighty didn't leave and was a good producer. The work horse was forty meters.

Yet again, AF4LQ led eighty with 29 contacts in an eighty-only effort.

WA9TZE led forty with 84 contacts.

N4BP, Bob led twenty with 60 contacts.

And, KH6B, as always, was the king of fifteen with 13.

Here's the breakdown of QSOs by band:

80M - 227 QSOs

40M - 1484 QSOs

20M - 949 QSOs

15M - 44 QSOs

10M - 0 QSOs

Total - 2704 QSOs reported!

Fifth place Skinny finisher KE4JZG is the first top Skinny in a while to use 80 meters. He managed 9 contacts with an 80 meter only rig that came in at just over half a pound.

None of the top Tubby scores had skinny rigs.

Other:

Each contact received one point. If you didn't tell us the weight of your station, or if your station weighed more than the family after Thanksgiving dinner, we assigned a weight of 30 pounds.

The soapbox is published separately in the March issue of The ARS Sojourner which comes out mid-month. Don't miss it! <http://www.natworld.com/ars>

We hope everyone had a good time. See you in April!

THE SKINNY DIVISION (results sorted in the order of points per pound)

Call	80M	40M	20M	15M	10M	Points	Weight	Points
Per Pound								
N4EO	0	0	21	0	0	21	0.47	44.68
K3ESE	0	40	11	2	0	53	2	26.5
N9JXY	0	14	0	0	0	14	0.68	20.59
W6ZH	0	18	20	4	0	42	2.45	17.14
KE4JZG	9	0	0	0	0	9	0.57	15.79
W7GA	0	0	38	0	0	38	2.69	14.13
AE6N	0	0	24	0	0	24	2	12

N00R	0	24	0	0	0	24	2	12
N7CEE	0	14	13	0	0	27	2.3	11.74
N4HAY	0	60	1	0	0	61	5.4	11.3
KI0II	3	18	17	1	0	39	3.5	11.14
KCOW	1	15	0	0	0	16	1.5	10.67
W1ZZL	0	19	4	0	0	23	2.2	10.45
W0UFO	0	29	18	0	0	47	4.5	10.44
N7SR	0	6	0	0	0	6	0.58	10.34
KB7MBI	0	6	12	3	0	21	2.1	10
AB9CA	0	13	10	0	0	23	2.3	10
KB9LCK	4	7	7	0	0	18	1.8	10
KH6B	0	6	20	13	0	39	4.4	8.86
KK6MC/5	0	3	18	0	0	21	2.5	8.4
N0RC	0	21	28	0	0	49	6.5	7.54
N3AO	0	15	0	0	0	15	2.3	6.52
VE3FA0	0	8	0	0	0	8	1.31	6.11
K04WX	0	6	0	0	0	6	1	6
K6PZB	0	4	12	1	0	17	3	5.67
KW4JS	0	20	8	0	0	28	5	5.6
W1PID	0	15	4	0	0	19	3.4	5.59
K50T	0	16	14	0	0	30	5.7	5.26
AA5CK	0	11	13	1	0	25	5	5
K4AVX	3	19	2	0	0	24	5	4.8
WA4CIT	0	45	0	0	0	45	9.5	4.74

K3NY	11	14	6	0	0	31	7	4.43
WA9TZE	21	84	28	0	0	133	30	4.43
NK6A	0	16	11	0	0	27	6.4	4.22
N4BP	6	55	60	0	0	121	30	4.03
KD7AEE	6	76	24	6	0	112	30	3.73
KE4R	8	48	4	0	0	60	17	3.53
NA8M	7	40	14	0	0	61	18	3.39
K8FF	9	54	21	0	0	84	25	3.36
K3TW	17	48	34	0	0	99	30	3.3
K6III	0	47	0	0	0	47	15	3.13
N0IBT	0	8	12	0	0	20	6.5	3.08
AC7QT	0	9	7	0	0	16	5.3	3.02
N6LIF	3	6	2	0	0	11	3.65	3.01
W3TQG/N8WE	0	0	6	0	0	6	2	3
KI0MZ	0	4	5	0	0	9	3	3
AB6UI	0	2	0	0	0	2	0.69	2.9
AB1AV	2	0	0	0	0	2	0.69	2.9
K7PX	0	7	7	0	0	14	5	2.8
K7RE	12	35	37	0	0	84	30	2.8
WD7Z	6	47	22	1	0	76	30	2.53
K4KJP	0	0	16	3	0	19	7.5	2.53
K4TJD	0	8	7	0	0	15	6	2.5
N7LT	1	34	29	0	0	64	30	2.13
W5YR	0	34	28	0	0	62	30	2.07

WA8NTA	0	36	25	0	0	61	30	2.03
AA10F	0	0	2	0	0	2	1	2
AF4LQ	29	0	0	0	0	29	15	1.93
KG8GW	13	37	3	0	0	53	30	1.77
K3NLT	8	8	0	0	0	16	9.5	1.68
KC IOX	3	11	4	0	0	18	11	1.64
WB8RTJ	0	23	26	0	0	49	30	1.63
AD6WE	0	0	0	4	0	4	2.5	1.6
AE4GX	1	1	1	0	0	3	2.1	1.43
W3SMK	0	33	0	0	0	33	25	1.32
N4DMI	0	8	8	0	0	16	13	1.23
W3ANX	6	15	16	0	0	37	30	1.23
K8KFJ	14	13	7	0	0	34	30	1.13
NQ9RP	0	30	0	0	0	30	30	1
AC5XK	0	5	4	0	0	9	10	0.9
WL70/KH6	0	0	9	0	0	9	10	0.9
KV6K	0	8	16	1	0	25	30	0.83
W4JKL	8	9	7	0	0	24	30	0.8
WA1VGB	0	4	0	0	0	4	5	0.8
NG7Z	0	14	8	0	0	22	30	0.73
KD7GIM	0	0	16	0	0	16	22.5	0.71
KL7RHJ	0	0	8	3	0	11	16	0.69
KA8LLE	4	11	4	0	0	19	28	0.68
W9FNB	0	6	13	1	0	20	30	0.67

N8MHD	0	3	3	0	0	6	10	0.6
VE6QSL	0	0	15	0	0	15	30	0.5
N1WPU	3	9	3	0	0	15	30	0.5
WB5TLA	0	0	13	0	0	13	30	0.43
W9UQB	0	2	11	0	0	13	30	0.43
KE5TC	0	8	3	0	0	11	30	0.37
KF3CV	0	5	6	0	0	11	30	0.37
AB4VF	5	0	5	0	0	10	30	0.33
K6RPN	0	10	0	0	0	10	30	0.33
K3AS	1	4	4	0	0	9	30	0.3
VE3XT	0	6	3	0	0	9	30	0.3
W1RWB	0	7	1	0	0	8	30	0.27
K1CGZ	1	5	1	0	0	7	30	0.23
W6ZIP	0	3	2	0	0	5	30	0.17
KE6RS	0	1	4	0	0	5	30	0.17
KB1DQT	2	0	0	0	0	2	15	0.13
W7SST	0	1	2	0	0	3	30	0.1
N50BC	0	0	1	0	0	1	15	0.07

THE TUBBY DIVISION (results sorted in the order of points)

Call	80M	40M	20M	15M	10M	Points
WA9TZE	21	84	28	0	0	133
N4BP	6	55	60	0	0	121
KD7AEE	6	76	24	6	0	112
K3TW	17	48	34	0	0	99
K8FF	9	54	21	0	0	84
K7RE	12	35	37	0	0	84
WD7Z	6	47	22	1	0	76

N7LT	1	34	29	0	0	64
W5YR	0	34	28	0	0	62
NA8M	7	40	14	0	0	61
N4HAY	0	60	1	0	0	61
WA8NTA	0	36	25	0	0	61
KE4R	8	48	4	0	0	60
KG8GW	13	37	3	0	0	53
K3ESE	0	40	11	2	0	53
N0RC	0	21	28	0	0	49
WB8RTJ	0	23	26	0	0	49
K6III	0	47	0	0	0	47
W0UFO	0	29	18	0	0	47
WA4CIT	0	45	0	0	0	45
W6ZH	0	18	20	4	0	42
KI0II	3	18	17	1	0	39
KH6B	0	6	20	13	0	39
W7GA	0	0	38	0	0	38
W3ANX	6	15	16	0	0	37
K8KFJ	14	13	7	0	0	34
W3SMK	0	33	0	0	0	33
K3NY	11	14	6	0	0	31
K50T	0	16	14	0	0	30
NQ9RP	0	30	0	0	0	30
AF4LQ	29	0	0	0	0	29
KW4JS	0	20	8	0	0	28
N7CEE	0	14	13	0	0	27
NK6A	0	16	11	0	0	27
AA5CK	0	11	13	1	0	25
KV6K	0	8	16	1	0	25
AE6N	0	0	24	0	0	24
W4JKL	8	9	7	0	0	24
N00R	0	24	0	0	0	24
K4AVX	3	19	2	0	0	24
W1ZZL	0	19	4	0	0	23
AB9CA	0	13	10	0	0	23
NG7Z	0	14	8	0	0	22
KB7MBI	0	6	12	3	0	21
KK6MC/5	0	3	18	0	0	21
N4EO	0	0	21	0	0	21
W9FNB	0	6	13	1	0	20
N0IBT	0	8	12	0	0	20
W1PID	0	15	4	0	0	19
KA8LLE	4	11	4	0	0	19
K4KJP	0	0	16	3	0	19
KC IOX	3	11	4	0	0	18
KB9LCK	4	7	7	0	0	18
K6PZB	0	4	12	1	0	17
KD7GIM	0	0	16	0	0	16

N4DMI	0	8	8	0	0	16
K3NLT	8	8	0	0	0	16
KC0W	1	15	0	0	0	16
AC7QT	0	9	7	0	0	16
K4TJD	0	8	7	0	0	15
N3AO	0	15	0	0	0	15
VE6QSL	0	0	15	0	0	15
N1WPU	3	9	3	0	0	15
N9JXY	0	14	0	0	0	14
K7PX	0	7	7	0	0	14
WB5TLA	0	0	13	0	0	13
W9UQB	0	2	11	0	0	13
KE5TC	0	8	3	0	0	11
KF3CV	0	5	6	0	0	11
KL7RHJ	0	0	8	3	0	11
N6LIF	3	6	2	0	0	11
AB4VF	5	0	5	0	0	10
K6RPN	0	10	0	0	0	10
K3AS	1	4	4	0	0	9
VE3XT	0	6	3	0	0	9
AC5XK	0	5	4	0	0	9
KE4JZG	9	0	0	0	0	9
KI0MZ	0	4	5	0	0	9
WL70/KH6	0	0	9	0	0	9
W1RWB	0	7	1	0	0	8
VE3FAO	0	8	0	0	0	8
K1CGZ	1	5	1	0	0	7
K04WX	0	6	0	0	0	6
W3TQG/N8WE	0	0	6	0	0	6
N7SR	0	6	0	0	0	6
N8MHD	0	3	3	0	0	6
W6ZIP	0	3	2	0	0	5
KE6RS	0	1	4	0	0	5
WA1VGB	0	4	0	0	0	4
AD6WE	0	0	0	4	0	4
AE4GX	1	1	1	0	0	3
W7SST	0	1	2	0	0	3
AA10F	0	0	2	0	0	2
KB1DQT	2	0	0	0	0	2
AB6UI	0	2	0	0	0	2
AB1AV	2	0	0	0	0	2
N50BC	0	0	1	0	0	1

Date: Wed, 5 Mar 2003 21:59:12 -0500
From: "Kevin Gray" <k8su@adelphia.net>
To: <qrp-1@Lehigh.EDU>
Subject: [147093] FS MFJ QRP Setup Rig, Tuner, Power Pack all stacked
Message-ID: <OCEPILKFPJMGHKIMLF0C0EOGDAAA.k8su@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FS MFJ 971 Antenna Tuner, MFJ 9040 CW RIG, MFJ-4114 Portable Power Pack.
Excellent condition all stacked together. Pics available. \$195

k8su@adelphia.net

Kevin

Date: Wed, 5 Mar 2003 22:17:56 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <kw1nd.web@homeinternet.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [147094] Re: Semi OT: Antenna setup for mobiling
Message-ID: <003901c2e38f\$1574cd80\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Actually, one of the best 10M antennas I've used in recent years is the Radio Shack Deluxe Mag Mount antenna. The one with the 'oversize' whip that's about 50 some inches long. I've used that with my HTX-100 and worked Europe and Russia SSB QRP. I've used it on my Jeep with K2 and one day when conditions were really hopping to work South America on 10M while waiting for my daughter at her school.

Just threw it on with the whip set to the shortest it could be without cutting it and it worked gangbusters on the lower portions of 10M.

Mike

Date: Wed, 5 Mar 2003 21:30:22 -0600
From: "Mark Andrews \ (KE4IOF\)" <KE4IOF@ke4iof.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [147095] Re: Cabela's not carrying the Black Widow telescoping pole
Message-ID: <004801c2e390\$d5b5ea60\$596ffea9@carrera>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

The original design used a SouthBend SD-20. You can still get them here -
<http://877icefish.safeshopper.com/94/328.htm?711> - for \$19.95 + shipping.

This what I used for my SLV and it works great.

Mark

Mark A. Andrews, KE4IOF
QRP-L 146, QRP-ARCI 10574, QRPp-I 217

----- Original Message -----
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, March 05, 2003 6:12 PM
Subject: Cabela's not carrying the Black Widow telescoping pole

> For those interested in vertical antenna supports that telescope, some bad
> news from the frequent supplier: This note from Alan, KB7MBI:
>
> "I am not a part of QRP-L but feel this would be of general interest to
the
> group. I tried locating the BLACK WIDOW in their online catalog and when I
> failed, sent them a note. Their response which was confirmed with a
followup
> phone call stated they no longer carry them--Sorry was the response
>
> Alan KB7MBI"
>
> If others know of alternate sources---please chime in. A shorter pole was
> carried near the coast by Wal Mart, for I got one of those about 15 feet
> long.
> 72,
> Stuart K5KVH
>

Date: Wed, 5 Mar 2003 21:30:49 -0600
From: "Joe Martin" <km5cw@arrl.net>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [147096] Re(OT): Very OT help needed
Message-ID: <003901c2e390\$c99b7740\$e62dbad0@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Couldn't tell you who to go to except your server would be a good place if they're bugging you.

I've gotten those lately more than usual from spam coming from .arrl.net bogus address, I just hit del, i don't see how anyone could be dumb enough to buy that line, but you never know.

73 de KM5CW Joe

FISTS #4217 QRP/ARCI #11368 NETXQRP/#42

GRID-EM13kf - DFW-TX

(<http://web.wt.net/~km5cw>)

- _.- .-.. ..-

----- Original Message -----

From: "Juan Ferrari" <puntrad@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, March 05, 2003 7:41 PM
Subject: Very OT help needed

> Gang

> Since 4 or 5 days I'm receiving those e-mails from Nigerians offering a part

> of their fortunes. As I'm not interested on having so much money so I would

> like to get rid of them. I remember that someone mentioned a place to inform

> on the activities of this people. Does anyone knows the URL.

> Tnx es 72

> Juan - KG4FSN

>

Date: Wed, 05 Mar 2003 22:34:08 -0500
From: Pete Burbank <plburbank@earthlink.net>
To: Kent.Torell@gd-decisionsystems.com,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [147097] Re: CK722 found
Message-ID: <5.2.0.9.0.20030305223140.00a38c70@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Kent,
I really enjoyed your link info. Wow, adjust those prices on link #1 for inflation!!!
73
Pete NV4V

At 01:33 PM 3/5/2003, Torell Kent-P12255 wrote:
>There is a nice article in the IEEE Spectrum monthly magazine (March 2003)
>covering the 50th anniversary of the CK722; they were fallout parts from
>hearing aid manufacture, and they sold them through radio shack to
>experimenters. As they continued to shrink the part, they repackaged them
>in the original case so they 'looked' the same.
>
>pictures/stories at <http://www.ck722.com>, <http://www.transistormuseum.com>
>and <http://users.arczip.com/rmcgarra1>.
>
>Kent Torell 480-675-2003 Fax 480-441-8400
>General Dynamics Decision Systems
>Systems and Information Services Section
>8201 E. McDowell Road H2171
>Scottsdale, AZ 85252
>

Date: Wed, 5 Mar 2003 20:44:19 -0700
From: "Jess Gypin" <jessmx5@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [147098] Black Widow 20 ft. pole
Message-ID: <003f01c2e392\$ae4e69a0\$41365742@jgypin>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Here is the information on how to order this pole from Cabela's. You need to get it as a "kit"

http://www.cabelas.com/cabelas/en/templates/purchase/backorder-alert.jhtml?_

requestid=49173

B&M Black Widow Redi Rig
Item number:ID - 116438
Price: \$17.99
MODEL: 20' BLK WIDOW 6PC

Jess

Date: Thu, 06 Mar 2003 03:54:45 +0000
From: alan.kaul@att.net
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [147099] Re: What's the date?
Message-ID: <200303060354.h263spJD032414@rain.CC.Lehigh.EDU>

When I used to live in Amman, Jordan, and was JY9RL, I personally favored using Roman numerals for the month and handling the card as D-M-Yr ...

So March 5, 2003 would be 5-III-03
And july 4, 2002 would be 4-VI-02
etc. . . .

A lot of the foreign cards that I received came in that way, too.

Currently, I usually computer-print my cards using Hyperlog and I have it set up to print day-month-year (using 3-letter month abbrev's -- Jan-Feb-Mar, etc).

NO one has complained yet about either system.

73/72 de alan

--
Alan Kaul, LaCanada, CA 91011
w6rcl@amsat.org
<<http://home.att.net/~alan.kaul/index.html>>

> Folks--

>

> I just got a QSL card from the DXpedition to Moorea, fo0pt. In the envelope
> was a photocopied letter to "Dear Radiofriend" from fo0pt opr/QSL manager
> dj0fx. In his letter, Walt talked about a number of subjects including the

> cost of airmail, saving whales, and one way hams could try to fight QRO
> bandit or pirate operators (e.g. fishing fleets) on amateur HF bands.
>
> He also asked all of his Radiofriends to "Please... write the Month in
> LETTERS!!... The new Standard in the world is: 2003 Jan.07."
>
> He explains how date inconsistencies makes it hard to check QSOs. There is a
> lot of inconsistency with number-only dates (e.g., 02/07/03, 07/02/03,
> 03/02/07 all mean the same date one place or another; similarly, 02/07/03
> can mean July 2, 2003 or July 3, 2002 or February 7, 2003). It all makes
> sense to me and I'll probably start to use "2003 Mar.05" myself. But I never
> heard about this "new Standard in the world."
>
> Have any of you heard about this? Who establishes such a standard?
>

> Thanks--
> Max, k0max
>

Date: Thu, 06 Mar 2003 03:59:22 +0000
From: alan.kaul@att.net
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [147100] Re: What's the date?
Message-ID: <200303060359.h263xUJD002766@rain.CC.Lehigh.EDU>

Oooops

July 4, 2002 would be 4-VII-02 !!

Guess I'm having trouble with months that start with J!

--
Alan Kaul, LaCanada, CA 91011
w6rcl@amsat.org
<<http://home.att.net/~alan.kaul/index.html>>

Date: Wed, 05 Mar 2003 23:04:29 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [147101] Re: What's the date?
Message-ID: <3E66C8CD.8866DE30@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Speaking of the date...did you know that there is only 52 days until the
2003 Florida QSO Party?

Yep...it sure is. April 26 - 27, 2003. Get all the info here:

<http://www.qsl.net/fqp/>

Special awards for QRP stations. FQP...be there.

73
Paul K4FB
www.fcg.club

Date: Wed, 5 Mar 2003 20:32:29 -0800
From: "Dave Martin" <k2zu@seanet.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [147102] Re: Cabela's not carrying the Black Widow telescoping pole
Message-ID: <000301c2e399\$66482220\$a8a32640@davemartin>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you are in need of a fiberglass support that's a little "stouter" than
fishing poles, K4TMC has 22' telescoping poles for \$ 45.
Dave K2ZU

Date: Wed, 05 Mar 2003 23:30:08 -0500
From: Pete Burbank <plburbank@earthlink.net>
To: w3cde@bellsouth.net,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [147103] Re: OT: almost. 2002 Top electronic products of the year
Message-ID: <5.2.0.9.0.20030305231314.00a44200@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Jerry,
That segment in your link describing the UV LEDs was of interest to me because I had bought a couple from All Electronics and had been experimenting with them last week. They are amazingly bright and in complete darkness you can see them with as little as 5 Ua flowing. With 2 in series at 2.5 mA you can read a book.
I know that UV can cause eye damage and wonder if these low power levels are safe. Sometimes I regret having given my son the "Applied Engineering Handbook". Too poor to buy another copy. HI! :-)
Tnx for the OT heads up.
73
Pete NV4V

At 02:41 PM 3/5/2003, Jerry Lofstead wrote:

>For anyone interested in technology, this is a list of the top
>products of last year. Some real neat stuff, including a 3D
>display with out goggles!! Some new neat silicon stuff too.
>
>Jerry W3CDE
>Atlanta,GA
>
>
>[http://www.electronicproducts.com/ShowPage.asp?](http://www.electronicproducts.com/ShowPage.asp?SECTION=3700&PRIMID=&FileName=janpoy.jan2003)
SECTION=3700&PRIMID=&FileName=janpoy.jan2003

Date: Wed, 05 Mar 2003 22:39:07 -0600
From: Dave Hottell <hottell@gulftel.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [147104] Re: Cabela's not carrying the Black Widow telescoping pole
Message-ID: <3.0.6.32.20030305223907.00892470@pop.gulftel.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

Shakespeare also makes a 20' telescoping pole (crappie pole). I have two of them. They are called "Wonderpole". Check out the local fishing supply places - that is where I found these. Southern 'Bama sporting goods on

Dauphin Island Pkwy in Mobile carries them - in season.

Academy Sports carries some 16 1/2' Black Widow poles.

73,
Dave
ab9ca

At 06:12 PM 3/5/03 -0600, Stuart Rohre wrote:

>For those interested in vertical antenna supports that telescope, some bad
>news from the frequent supplier: This note from Alan, KB7MBI:

>

>"I am not a part of QRP-L but feel this would be of general interest to the
>group. I tried locating the BLACK WIDOW in their online catalog and when I
>failed, sent them a note. Their response which was confirmed with a followup
>phone call stated they no longer carry them--Sorry was the response

>

>Alan KB7MBI"

>

>If others know of alternate sources---please chime in. A shorter pole was
>carried near the coast by Wal Mart, for I got one of those about 15 feet
>long.

>72,

>Stuart K5KVH

>

>

>

Date: Wed, 5 Mar 2003 23:14:52 -0700

From: "John" <digi2@earthlink.net>

To: <n6wg@earthlink.net>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [147105] Re: CK722 found

Message-ID: <000601c2e3a7\$b420fea0\$6501a8c0@phoenix.speedchoice.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I can remember what I built with mine. For a high school physics project, I built an amplifier for my 45RPM record player. Remember that small black plastic 45 player that everyone had back in those days? Well, anyhow, I built a two transistor amplifier that drove a small speaker about loud

enough to where you could hear it. For a power supply, I wound some turns of wire around the motors coil to make a small step down transformer, rectified it with a couple of diodes. I adjusted the number of turns of wire until I got the proper voltage and got me an 'A' in physics. I still have a CK722 around here somewhere.

John K7SVV

----- Original Message -----

From: "Bob Tellefsen" <n6wg@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, March 05, 2003 10:48 AM
Subject: RE: CK722 found

> Ah, yes. The SB-100.
> My first transistor.
> And the first one I blew up.
> Built several things with it that
> never worked. Probably 'cause it
> blew up in the first one and I never
> knew how to test it :-)
> 73, Bob N6WG

Date: Thu, 6 Mar 2003 01:21:07 -0500
From: "flesnick" <flesnick@tbaytel.net>
To: <rattray@gpfn.sk.ca>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [147106] Re: Shipping to Canada
Message-ID: <000801c2e3a8\$93669660\$38bdbace@D29KQW11>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I too found that regular post is better, and cheaper...Living in Thunder Bay, we have brokers that handle for UPS, and other big name courier companies, but along with the big name, comes broker fees...when it crosses over the border, we can almost guarentee a \$20 fee for the item.....

Fred VE3FAL

----- Original Message -----

From: "Bruce Rattray" <rattray@gpfn.sk.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, March 05, 2003 1:49 PM
Subject: Re: Shipping to Canada

>
> Hello Bob...I have had a lot of qrp equipment kits shipped to me from the
> USA...I find the best and least expensive and least hassle way is to ship
> it via the post office...
>
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
> A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
> - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"
>
>
> On Wed, 5 Mar 2003, bob evinger wrote:
>
> > Please respond directly. I have a couple of items that someone in Canada
> > is wanting to buy off of me. Never dealt with shipping to Canada as a
> > private individual. A company I used to work for used to have all kinds
> of
> > headaches supporting customers in Toronto and Quebec because of their
> > import tariffs?
> >
> > Anybody here in the US dealt with private sales to Canada of ham gear
> and
> > how best to deal with getting the money in the right units and all that
> > stuff please respond to me directly.
> >
> > thanks
> > bob
> >
> >
> > --
> > Bob Evinger WD9EKA/AAR5MG(Army MARS operator)
> > If Guns Cause Crime, Then Matches Cause Arson.
> >
>
>

Date: Thu, 06 Mar 2003 03:45:34 -0500
From: Pete Burbank <plburbank@Earthlink.net>
To: pcain@ix.netcom.com,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [147107] Re: FOX: Week 18 Announcement
Message-ID: <5.2.0.9.0.20030306033711.00a34ec0@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"; format=flowed
Content-Transfer-Encoding: quoted-printable

At 01:04 PM 3/5/2003, Pat Cain, K0PC wrote:

>Greetings to all Honorable Hounds.

>

>I will be serving as your target Fox on Thursday (along with Jerry,=20
>W=C3=83=CB=9CMC). I will be somewhere above 7.040 and waiting for your=
call.

>

>Thanks & 73,

>Pat K=C3=83=CB=9CPC

Pat,

Could you give us a quickie code lesson to copy these extra terrestrial=20
calls? :-)

73

Pete NV4V

Date: Thu, 06 Mar 2003 03:00:50 -0700

From: "P. Ermisch" <ermisch@usa.net>

To: <kw1nd.web@homeinternet.net>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [147108] Re: [Semi OT: Antenna setup for mobiling]

Message-ID: <880HcFkaY0192S21.1046944850@uwdvg021.cms.usa.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: quoted-printable

Mike,

I used Hamsticks with a single magmount (5 inches?) for several months. No
problem for me at 70 to 90 mph on top of a Dodge Durango.

The spring base will change the tuning of the antenna and is really not that
necessary. The hamstick/valor/ironhorse design is pretty durable and cheap to
replace. Good value if you don't want to lay out a lot of cash to get started
mobile.

10M was in good shape this afternoon - nabbed WD8CRT/V73 (Marshall Islands) on QRP CW.

Paul KB0LUR

"Mike" <kw1nd.web@homeinternet.net> wrote:

> I'm considering trying mobiling for the first time (just SSB). A friend is

> picking up one of the closeout RS HTX-10 10m rigs for \$70 for me. While=

> 48" mag-mount whips are available for 10m, I'd prefer to try out a

> Hamstick/Valor/Iron Horse-type single-band antenna.

> =

> My primary question is what types of mounts are suitable. The car is a '90

> Accord (my commuter car), without a hitch-mount currently installed. I=

> know 3-magnet mounts would work, but they're not exactly attractive. I

> will be removing at least the whip daily, so the quick release mounts

> available from Valor or Iron Horse look handy.

> =

> Is a trunk-lip mount strong enough for an 8' fiberglass whip?

> Is a base spring necessary?

> =

> Thanks!

> =

> 73,

> =

> Mike, KW1ND

> =

> =

Date: Thu, 06 Mar 2003 04:49:48 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: rohre@arlut.utexas.edu,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [147109] Black Widow Pole @ Worldradio
Message-ID: <3.0.2.32.20030306044948.0080b480@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks, Worldradio still shows the SD-20 for \$19.95 plus \$5.00 S/H (+\$1.55 tax in CA)

Worldradio
2120 28th Street
Sacramento, CA 95818

e-mail orders to -- orders@wr6wr.com

>If others know of alternate sources---please chime in.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
Rock-Mites on 80, 40, 30, 20 and 15 Meters
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Thu, 06 Mar 2003 06:58:20 -0500
From: Jim Thiessen <jthiessen@videotron.ca>
To: wd9eka@evinger.com, qrp-l@Lehigh.EDU
Subject: [147110] Re: Shipping to Canada
Message-ID: <001a01c2e3d7\$aee7dd20\$1e02a8c0@WorkGroup>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Bob,

If you are shipping amateur gear or parts to someone in Canada you should write "Amateur radio electronic parts" on the declaration slip attached to the package and they will not charge duty to the person you are sending it to.

If the declared value is over \$15 they Canada Customs will access a 15% tax on the Canadian dollar value and charge an additional \$5 handling fee to the person receiving the package.

For example, if the declared value on the customs slip is \$65US (about \$100 canadian depending on the daily exchange rate), customs will charge approximately \$15 plus \$5 handling = \$20 Canadian. The person receiving the

item receives a post card requesting him to come to the post office to pay up the \$20 and then he or she will receive the package.

The good news is that if the declared value is \$15 or less, they don't bother charging duty, taxes and handling fees, and the package goes directly to the mailbox of the person you are sending it to.

Hope this helps...

Jim
VA3KV
Rockland Ontario

Date: Thu, 6 Mar 2003 06:10:39 -0600
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <adeweiss@sd.value.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [147111] Re: Copiable CW Signals & 1.56dB
Message-ID: <011101c2e3d9\$67919e00\$0200000a@coxinternet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

That's interesting.

I would like to comment that when applied correctly, there should be no difference between voltage dB and power dB. I know that you know this, but I throw out the comment for the group's consideration.

The formulae for power changes, $10 \cdot \log(P2/P1)$, and for voltage changes, $20 \cdot \log(V2/V1)$, produce the same dB when the load resistances are the same. When they aren't, it's imperative to make the correction when voltage is used or the dB value will have no meaning.

In audio testing, I would assume the two powers or voltages are measured at two different times on the same load, so the question should be moot and the dB values correct.

FWIW, I've never heard it stated that 6 dB was the minimum detectable change. I always thought it was 1 dB, which is close to your result.

Just my 1 dB worth.

72--Nick, WA5BDU

----- Original Message -----

From: "Ade Weiss W0RSP" <adeweiss@sd.value.net>

> Hi all: I would add to Dr. Mega's observations that during a hearing test
> a couple of years ago, I charmed the audio tech into letting me see
> what my lower limit of signal-difference detection was. She said that,
> on average, people can detect something like a 1.56dB difference.
> She tested me at 1.65dB. This is without noise, of course. I forget
> whether she was doing power or voltage -- probably voltage dB.
>
> But I was surprised by this, since all we ever hear is 6dB or
> 1 S-unit is the minimum difference that the human ear can
> detect.

Date: Thu, 6 Mar 2003 05:37:17 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Ade Weiss W0RSP <adeweiss@sd.value.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [147112] Re: Copiable CW Signals & 1.56dB
Message-ID: <Pine.LNX.4.44.0303060523180.1515-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Ade, I think you are confused by the conditions. When you were given the audio test there was little or no noise.

When you are listening to your receiver your report is one of signal to noise. If the signal has no noise it's 599. If the noise is louder than the signal your 349. Most receivers have automatic gain control AGC and if you start with a strong signal the AGC will fight your detecting a signal drop.

The reason the receiver minimum detectable change is 4-7 DB depending who you talk to is because the noise enters into figure and noise changes. It is about right to say you need an s unit change to notice an increase or decrease of radio received signal.

As for voltage and power DB if they are gathered properly, they are the same. Power uses $10 \log p1/p2$ and if you measure voltage it is

20 log E1/E2.

On Wed, 5 Mar 2003, Ade Weiss W0RSP wrote:

> Hi all: I would add to Dr. Mega's observations that during a hearing test
> a couple of years ago, I charmed the audio tech into letting me see
> what my lower limit of signal-difference detection was. She said that,
> on average, people can detect something like a 1.56dB difference.
> She tested me at 1.65dB. This is without noise, of course. I forget
>
> 72, Ade
> W0RSP

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Thu, 06 Mar 2003 08:44:03 -0500 (Eastern Standard Time)
From: W2AGN <w2agn@w2agn.net>
To: qrp-1@Lehigh.EDU, plburbank@Earthlink.net
Subject: [147113] Re: FOX: Week 18 Announcement
Message-ID: <3E6750A3.00003D.68243@w2agn>
MIME-version: 1.0
Content-type: Text/Plain
Content-transfer-encoding: quoted-printable

I can hardly wait to hear what they sound like on CW! ;-)=0D

=0D

=0D

=0D

=0D

=0D

+---+---+---+ John L. Sielke=0D

|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]=0D

+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS=0D

=0D

-----Original Message-----=0D

=0D

From: plburbank@Earthlink.net=0D

Date: Thursday, March 06, 2003 08:41:39 AM=0D

To: Low Power Amateur Radio Discussion=0D

Subject: Re: FOX: Week 18 Announcement=0D

=0D

At 01:04 PM 3/5/2003, Pat Cain, K0PC wrote:=0D

>Greetings to all Honorable Hounds.=0D
>=0D
>I will be serving as your target Fox on Thursday (along with Jerry, =0D
>W=C3=83=CB=9CMC). I will be somewhere above 7.040 and waiting for your c=
all.=0D
>=0D
>Thanks & 73,=0D
>Pat K=C3=83=CB=9CPC=0D
Pat,=0D
Could you give us a quickie code lesson to copy these extra terrestrial =0D
calls? :-)=0D
73=0D
Pete NV4V=0D
=0D
=0D
=0D
=2E

Date: Thu, 6 Mar 2003 13:48:06 -0000
From: "Juan Ferrari" <puntrad@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [147114] Re: Very OT help needed
Message-ID: <002c01c2e3e7\$05e2dee0\$80dfd7ce@puntana.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK Gang. Here is what I did.
- Forwarded it to the FBI adding NO LOSS at the subject.
- Downloaded and installed MAILWASHER
- Had fun reading the proposals.
- Deleted it.
Tnx fer all the advise.
72
Juan - KG4FSN

Date: Thu, 06 Mar 2003 08:51:45 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [147115] Re: What's the date?
Message-ID: <5.1.1.6.1.20030306083606.00a42ec0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

>It all makes
>sense to me and I'll probably start to use "2003 Mar.05" myself. But I never
>heard about this "new Standard in the world."
>
>Have any of you heard about this? Who establishes such a standard?

Max,

The United States establishes such standards, which are promptly ignored by Europe who then set their own standards. Of course, if you ask someone from Europe they may claim that the US assumes the rest of the world doesn't matter and chooses their own way, while the European standards organizations take the time to consider everyone's needs and creates a better, well-thought-out standard. (Just kidding guys! I've been struggling with a European datacomm standard the past few weeks.)

Seriously, date formats tend to be regional and, if they're made a part of anyone's written standard, it's usually to document a format that's already in use.

When I operated Navy MARS a few (well, more than a few) years ago their date format was day-month-year with the month spelled out or abbreviated: 6 Mar 03 for example. I still use that format myself. However, I've noticed that in this age of computers more and more places are using a year-month-day format to make computerized sorting easier. Since computers are incredibly stupid animals, they'll happily put things in the order "Jan 1, 2000; Jan 1, 2001; Jan 1, 2002; Jan 2, 2000..." if you ask them to.

For someone who is handling a lot of data, being able to sort and search on a nice orderly key is more than a convenience.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Thu, 06 Mar 2003 09:03:26 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [147116] Re: Re(OT): Very OT help needed

Message-ID: <5.1.1.6.1.20030306085842.00a55d20@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:30 PM 3/5/2003 -0600, you wrote:

>Couldn't tell you who to go to except your server would be a good place if
>they're bugging you.
>I've gotten those lately more than usual from spam coming from .arrl.net
>bogus address, I just hit del, i don't see how anyone could be dumb enough
>to buy that line, but you never know.

Joe,

Here's an article I saw about that very topic:

<http://slate.msn.com/?id=2072851>

Apprently there -are- people dumb enough to buy that line - to the tune of
\$100 million a year according to Secret Service estimates.

Like it or not, P.T. Barnum was right - there really is a sucker born every
minute.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Thu, 06 Mar 2003 08:19:22 -0600
From: Pat Cain <pcain@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [147117] Re: FOX: Week 18 Announcement
Message-ID: <5.1.1.6.0.20030306081744.03216d60@popd.ix.netcom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"; format=flowed
Content-Transfer-Encoding: quoted-printable

Evidently I pushed the Raellian Translation button on my keyboard. As I was=
=20
trying to say...
Jerry WOMC is the other fox and I am respectfully yours,
Pat K0PC

At 12:04 PM 3/5/03 -0600, Pat Cain, K0PC wrote:

>Greetings to all Honorable Hounds.
>
>I will be serving as your target Fox on Thursday (along with Jerry,=20
>W=C3=83=CB=9CMC). I will be somewhere above 7.040 and waiting for your=
call.
>
>Thanks & 73,
>Pat K=C3=83=CB=9CPC

Date: Thu, 6 Mar 2003 09:28:52 -0500
From: "K8YS/N8LBR" <jbcraft@adelphia.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [147118] RE: [Semi OT: Antenna setup for mobiling]
Message-ID: <000501c2e3ec\$b6767a00\$18184644@lbrtoh.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike,
If all you are going to work (for now) is 10M, then the H/V/I fiberglass
whip will work out nice, or you could just chop an inch or so off a CB
whip.
For the mount, I would HIGHLY recommend the Diamond K-400 3/8 mount. It
is a rugged mount and will hold up to an Outbacker Antenna. I have only
broken two (long story! BIG antenna, low utility lines).
If you can mount a trunk lip mount, this is the one to use.
For a disconnect, the Hustler QD is the best, also very rugged, since
they changed the design, I have not broken these anymore.
Comet makes a copy of the Diamond K400 3/8 mount but it is not as
environmental resilient. OK, it RUSTS and CORRODES.

Bob K8YS

Mike" <kw1nd.web@homeinternet.net> wrote:
> I'm considering trying mobiling for the first time (just SSB). A
> friend is picking up one of the closeout RS HTX-10 10m rigs for \$70
> for me. While 48" mag-mount whips are available for 10m, I'd prefer to

> try out a Hamstick/Valor/Iron Horse-type single-band antenna.
>
> My primary question is what types of mounts are suitable. The car is a

> '90 Accord (my commuter car), without a hitch-mount currently
> installed. I know 3-magnet mounts would work, but they're not exactly

> attractive. I will be removing at least the whip daily, so the quick
> release mounts available from Valor or Iron Horse look handy.
>
> Is a trunk-lip mount strong enough for an 8' fiberglass whip? Is a
> base spring necessary?
>
> Thanks!
>
> 73,
>
> Mike, KW1ND

Date: Thu, 6 Mar 2003 06:46:55 -0800
From: "John Paul Dooley" <portscom@hotmail.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [147119] SOLD!! SWL DSW-40 in Blue Anodized Case
Message-ID: <0E27eRLeWdKjhuXSES600014ef3@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks for all who replied. The DSW-40 has a new happy home.
John W6ZIP
Victorville, Ca.

Date: Thu, 06 Mar 2003 09:56:11 -0500
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [147120] Earliest Transistorized QRP rig?
Message-ID: <3E67618A.88CC83D4@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All the recent discussion about the CK 722 brought to mind the question,
What was the first QRP rig to rely on transistors? The venerable
Tuna-Tin?

Wondering,

73

Ken KG4FGC

Date: Thu, 06 Mar 2003 10:05:18 -0500
From: Jerry Lofstead <w3cde@bellsouth.net>
To: kw1nd.web@homeinternet.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [147121] Re: Semi OT: Antenna setup for mobiling
Message-ID: <3E6763AE.8752F41A@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike,

I can tell you that the MFJ trunk lip mount worked fine on my XYL's Sable Station Wagon. I used a S0239 base with a NMO adapter to a 3/2" adapter 8-)... "One size fits all". Went on a trip to south Florida and it worked great with an Iron Horse 17 Meter antenna and no spring. However, check the screws from time to time to make sure they are tight. Some Loctite on the attaching screws might not be a bad idea.

Jerry
W3CDE
Atlanta, GA

Mike wrote:

>
> I'm considering trying mobiling for the first time (just SSB). A friend is
> picking up one of the closeout RS HTX-10 10m rigs for \$70 for me. While
> 48" mag-mount whips are available for 10m, I'd prefer to try out a
> Hamstick/Valor/Iron Horse-type single-band antenna.
>
> My primary question is what types of mounts are suitable. The car is a '90
> Accord (my commuter car), without a hitch-mount currently installed. I
> know 3-magnet mounts would work, but they're not exactly attractive. I
> will be removing at least the whip daily, so the quick release mounts
> available from Valor or Iron Horse look handy.
>
> Is a trunk-lip mount strong enough for an 8' fiberglass whip?
> Is a base spring necessary?
>

> Thanks!
>
> 73,
>
> Mike, KW1ND

Date: Thu, 6 Mar 2003 07:23:23 -0700 (MST)
From: ac7a@earthlink.net
To: hoglund@wfu.edu,
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [147122] Re: Earliest Transistorized QRP rig?
Message-ID: <4173903.1046964208226.JavaMail.nobody@kermit.psp.pas.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Surely not the Tuna-Tin. Ham's were experimenting with simple QRP transmitters as soon as high-frequency transistors became available. I would guess that the first transistorized QRP transmitters appeared before 1955. The infamous Doug DeMaw published a transistorized VFO in a '57 or '58 QST article. I also recall seeing a GE app's note showing a 2-meter transmitter in about the same time period. The Tuna-Tin article wasn't published until the early 70's.

I built my first transistorized QRP transmitter as a teenager in the late 60's. I still have it!

Regards, Thomas - AC7A (Tucson)

-----Original Message-----

From: Kenneth Hoglund <hoglund@wfu.edu>
Sent: 03/06/03 07:56 AM
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: Earliest Transistorized QRP rig?

>
> All the recent discussion about the CK 722 brought to mind the question,
What was the first QRP rig to rely on transistors? The venerable
Tuna-Tin?

Wondering,

73
Ken KG4FGC

>

Date: Thu, 06 Mar 2003 11:13:42 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [147123] Re: Earliest Transistorized QRP rig?
Message-ID: <5.1.1.6.1.20030306111107.00a6a970@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:56 AM 3/6/2003 -0500, you wrote:

>All the recent discussion about the CK 722 brought to mind the question,
>What was the first QRP rig to rely on transistors? The venerable
>Tuna-Tin?

Ken,

When I was a kid my Dad had a Popular Electronics magazine from the 60s
(not sure of the exact year) with a construction article for a QRP
transmitter that used little transistorized modules from International
Crystal. I think it was called the Peanut Whistle.

I doubt it was the first transistorized ham rig, but it predates the TT2 by
six or more years.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Thu, 6 Mar 2003 11:20:37 -0500
From: "Garey Barrell" <k4oah@mindspring.com>
To: <hoglund@wfu.edu>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [147124] Re: Earliest Transistorized QRP rig?
Message-ID: <007401c2e3fc\$52b5b8e0\$6501a8c0@hp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ken -

According to QST, the first transistorized transmitter was built by K2AH of Mountain Lakes, NJ. A brief article (and cover shot) appeared in QST for February 1953. It was on 2 meters, using an experimental RCA transistor powered by a 22-1/2V hearing aid battery. Single transistor, running at 8 volts @ 3 mils for 24 mW input. Output was "estimated" at 50 uW. CW of course! :-) "W2UK, 25 miles away reported the signal as strong enough to be readable on voice."

73, Garey - K40AH
Atlanta

----- Original Message -----

From: "Kenneth Hoglund" <hoglund@wfu.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, March 06, 2003 9:56 AM
Subject: Earliest Transistorized QRP rig?

> All the recent discussion about the CK 722 brought to mind the
question,
> What was the first QRP rig to rely on transistors? The venerable
> Tuna-Tin?
>
> Wondering,
>
> 73
> Ken KG4FGC
>

Date: Thu, 6 Mar 2003 11:18:05 -0800
From: "W2WU" <w2wurjj@verizon.net>
To: <WD8CIV@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [147125] OT Date/Time/Group
Message-ID: <001201c2e415\$91dfbac0\$d1fb998d@w2wurjj>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It makes sense. MARS was a Date Time Group. 061104ZMar03 (Day, Time, Month, Year)

I'll admit a bias toward the military message format verses that used / suggested by ARRL. Message Follows, Number, DTG, From, To, Groups, Break, Text, Break, Over. Anyone want to try sending 6SN7 as on mixed group?

Many Police video cameras record the "new date format" & a time stamp.

Another European Address custom was: Country, Province, Town, Street Location, Name. Think if you were sorting mail-it makes sense...you don't have to read the entire address. When it gets to the local post office they just look at the street & patron name. 73, Ron W2WU

----- Original Message -----

From: "David Hinerman" <WD8CIV@worldnet.att.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: 06 March, 2003 05:51

Subject: Re: What's the date?

>

> >It all makes

> >sense to me and I'll probably start to use "2003 Mar.05" myself. But I never

> >heard about this "new Standard in the world."

> >

> >Have any of you heard about this? Who establishes such a standard?

>

> Max,

>

> The United States establishes such standards, which are promptly ignored by

> Europe who then set their own standards. Of course, if you ask someone

> from Europe they may claim that the US assumes the rest of the world

> doesn't matter and chooses their own way, while the European standards

> organizations take the time to consider everyone's needs and creates a

> better, well-thought-out standard. (Just kidding guys! I've been

struggling

> with a European datacomm standard the past few weeks.)

>

> Seriously, date formats tend to be regional and, if they're made a part of

> anyone's written standard, it's usually to document a format that's

already

> in use.

>

> When I operated Navy MARS a few (well, more than a few) years ago their

> date format was day-month-year with the month spelled out or abbreviated:

6

> Mar 03 for example. I still use that format myself. However, I've noticed

> that in this age of computers more and more places are using a

> year-month-day format to make computerized sorting easier. Since computers

> are incredibly stupid animals, they'll happily put things in the order
"Jan
> 1, 2000; Jan 1, 2001; Jan 1, 2002; Jan 2, 2000..." if you ask them to.
>
> For someone who is handling a lot of data, being able to sort and search
on
> a nice orderly key is more than a convenience.
>
> Dave
>
>
> -----
> Dave Hinerman
> WD8CIV@worldnet.att.net
>
>

Date: Thu, 6 Mar 2003 11:30:37 -0500
From: "Garey Barrell" <k4oah@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [147126] Re: Earliest Transistorized QRP rig?
Message-ID: <009301c2e3fd\$b845ac00\$6501a8c0@hp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ken -

I forgot to mention, QST had a lead time of about 3 months at that
time, so this transmitter was probably built in late 1952.

Also, a QST "Strays" in April 1953 published a claim by W2JEP and
W2YTH of a transistor-to-transistor (both transmitters, no mention of
receivers used) 1/2 mile QSO on 40M with power inputs of 60 mW. The
claimed date was February 13, 1953.

73, Garey - K40AH
Atlanta

----- Original Message -----
From: "Kenneth Hoglund" <hoglund@wfu.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, March 06, 2003 9:56 AM

Subject: Earliest Transistorized QRP rig?

> All the recent discussion about the CK 722 brought to mind the question,
> What was the first QRP rig to rely on transistors? The venerable
> Tuna-Tin?
>
> Wondering,
>
> 73
> Ken KG4FGC
>

Date: Thu, 6 Mar 2003 11:32:46 -0500
From: "Chris Horne" <CHorne@rfmd.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [147127] RE: Earliest Transistorized QRP rig?
Message-ID: <F53CD82CA1438041BCE1B0165C6892CD0263098C@mail3.internal.rfmd.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

A nice book on the history of lower power entitled
"History of QRP in the US" by Adrian Weiss, W0RSP
should have the answer to this question.

W4CKH, Chris

-----Original Message-----

From: David Hinerman [mailto:WD8CIV@worldnet.att.net]=20
Sent: Thursday, March 06, 2003 11:14 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Earliest Transistorized QRP rig?

At 09:56 AM 3/6/2003 -0500, you wrote:

>All the recent discussion about the CK 722 brought to mind the question,
>What was the first QRP rig to rely on transistors? The venerable
>Tuna-Tin?

Ken,

When I was a kid my Dad had a Popular Electronics magazine from the 60s=20

(not sure of the exact year) with a construction article for a QRP=20 transmitter that used little transistorized modules from International=20 Crystal. I think it was called the Peanut Whistle.

I doubt it was the first transistorized ham rig, but it predates the TT2 by=20 six or more years.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Thu, 6 Mar 2003 11:33:55 -0500
From: "Glen Leinweber" <leinwebe@mcmail.cis.mcmaster.ca>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [147128] old transistor specs
Message-ID: <000701c2e3fe\$2e087620\$07ea7182@mcmaster.ca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My stash of junk yielded a PHILCO 2N344 with a date code of 1962. Popped this PNP germanium transistor onto a curve tracer:

hfe = 14
Icbo = 3uA (room temp)
1/hoe = 7 Mohm

How would these do in modern circuits?
Their tempco is pretty wild - an op-amp made with them would be mighty drifty. So might a VFO.
Current gain is pretty low (about one-tenth of a modern transistor), but reasonably linear. May be OK in an I.F. amplifier.

Down around zero voltage bias, they look similar to a FET, so you might use one as a voltage-variable resistor, in circuits where FETs are used this way.

Don't know about noise, or high-frequency response (can't get these from a curve tracer).

Date: Thu, 6 Mar 2003 08:46:39 -0800
From: Mark Schoonover <schoon@amgt.com>
To: "'n1zsw@hotmail.com'" <n1zsw@hotmail.com>,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [147129] RE: Screwdriver antenna
Message-ID: <BF889CEBEFD2D511B993009027F60ABE4F6867@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Ron,

No clue really. I've used an original Don Johnson for many years, and have not had any problem with fingerstock. Sure, I needed it replace it once, but all in all, it does the job. If you've never used one of these antennas, I would try and find someone that will loan one to you. You will be surprised at just how big they are, and they can be a challenge to install. What kind of vehicle will you put it on??

72

.mark

-----Original Message-----

From: Ron Pfeiffer [mailto:n1zsw@hotmail.com]
Sent: Wednesday, March 05, 2003 1:05 PM
To: Low Power Amateur Radio Discussion
Subject: Screwdriver antenna

I am looking at a screwdriver antenna for mobile use. Does anyone know the pros/cons between "finger stock" and High Sierra's "spring" connection to the coil?

Ron

STOP MORE SPAM with the new MSN 8 and get 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Thu, 6 Mar 2003 09:12:46 -0800 (PST)
From: Steve Holloway <wsholloway1@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [147130] RE: Earliest Transistorized QRP rig?
Message-ID: <20030306171246.19916.qmail@web12802.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

In Adrian's Weiss' Book "History of QRP" page 178 he states that in QST's Technical Topics for October 1955, Robert L. Ritz (W7UUZ) "pioneered this virgin territory with a description of his circuit and the contacts he made." First QSO was made on 8/22/1955.
Steve KE4JZG

Do you Yahoo!?
Yahoo! Tax Center - forms, calculators, tips, more
<http://taxes.yahoo.com/>

Date: Mon, 24 Feb 2003 10:03:51 -0600
From: "dan wanchic" <wa8vzq@cloudnet.com>
To: <qrp-l@Lehigh.EDU>
Subject: [147131] Re: Copiable CW signals & 1.56dB - longer than necessary
Message-ID: <000701c2dc1e\$5828e580\$ec6dbcd1@wa8vzq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

I haven't said anything in a while so I thought I'd add my two cents worth.

Nick is absolutely correct on both accounts. Decibels always refers to a change in power level. The idea of dB voltage and dB power is not correct. It is an urban legend.

By definition, 1 dB is the minimum change in sound pressure level that can be perceived by the AVERAGE human ear. Note the term average. As with any scientifically conducted research, the center point is a statistical value related to the entire data set but there is no exact answer all of the time.

This probably represents the median of a large data set.

Also, we need to take the frequency of the sound into account. I know that I have a few deep nulls at some frequencies, so I may need a larger change at those frequencies to detect the change.

Clearly some ears may require more change and some less. So just because the average or statistical model ear follows a natural logarithmic response doesn't mean that my ears or your ears will respond as calibrated test equipment. And let's not get into the natural log - base 10 log issues :-)) but they are clearly not the same scale are they?

As far as needing one S unit of change for a noticeable change at the receiver output, this is another one of those urban legends. First of all, let's consider a strong signal at the receivers input. What's the purpose of the AGC circuit? Isn't it supposed to maintain a somewhat constant output regardless of input level? Some of the receivers that I work on have 0 dB change in output level for very large (60 dB or greater) changes in input level.

Now consider the definition of mds - minimum discernable signal - the level of signal needed to cause a receiver output signal to rise 3 dB above the receiver's noise floor. These are level signals that are well below the threshold for AGC action to begin.

I can clearly hear a signal at mds in my SWL qrp rigs - and quite often, especially at or near the noise floor, the receivers response is very unlinear i.e; a 1 dB change in signal level may cause a 2-3 dB change in the receivers output. Let's see now - at strong signal levels the receivers AGC keeps the output constant and at very weak signal levels the receivers output may not produce a one for one change of input to output. Not much room for that 6 dB change stuff is there ?

Regards,

Dan
St. Cloud, MN

-- -- -- -- -- WA8VZQ -- Since 1967 -- -- -- -- --
Federal Aviation Administration -- -- Electronics Technician
ex-Nuclear Emergency Search Team (NEST) 1977 - 1981
-- -- -- NEST Three Mile Island Response Team -- -- --
-- -- ex-HFer @ ACA-15, WAR-46, KAL-24, KZ5VZ -- -- -- --

Date: Thu, 6 Mar 2003 10:55:18 -0700
From: William R Colbert <w5xe@juno.com>
To: puntrad@usa.net, qrp-1@lehigh.edu
Subject: [147132] Re: Very OT help needed
Message-ID: <20030306.105523.-272985.4.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Below are two Email addresses where to forward
the offending Nigerian, Togo, Ghanaian, Sudanese,
Philipino, etc. The first is the Federal Trade Commission,
the second is the US Secret Service which has agents
in the Treasury Attache' offices in various countries that
investigate and help prosecute such. I end up sending
at least 4 or 5 a week, sometimes more. It may not
really do any good but gives a bit of pleasure in having
someone else have a go at them.

UCE@FTC.GOV
419.fcd@usss.treas.gov

73
Ray
"Politicians are like nappies. Both should be
changed regularly -- and for the same reason"
"Scotsman - Scotsman's Diary 12/97"
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M
ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Thu, 6 Mar 2003 11:09:11 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-1@lehigh.edu
Subject: [147133] Re: Earliest Transistorized QRP rig?
Message-ID: <20030306.110912.-272985.6.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In addition to the 2m transistor rig used by K2AH
in 1953, the cover rig for September 1955 was a
solar powered 10m rig operated by Laird Campbell
W1CUT (SK).

Numerous circuits published in the various books and magazines in the 60's and early 70's. I think the Oner by GM30X0 predates the TunaTin as well. One publication for early solid state rigs is The Transistor Radio Handbook published by Editors and Engineers, edited by Don Stoner W6TNS(sk) and Les Earnshaw, ZL1AAX and later a VE7 and KB7 calls. Les went on to do the initial design for Southcom, Atlas, Alda, and was the owner (with others) of Kachina Radio.

73

Ray

"Politicians are like nappies. Both should be changed regularly -- and for the same reason"

"Scotsman - Scotsman's Diary 12/97"

Ray Colbert, W5XE, OOTC#3618, SOWP#1064M

ARCI-5784 NCT2R El Paso, (FAR WEST) TEXAS

Date: Thu, 6 Mar 2003 12:21:01 -0600
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: <QRP-1@Lehigh.EDU>, FPigs <fpqrp-1@mpna.com>
Subject: [147134] Low Cost Power Supplies
Message-ID: <200303061919.NAA26228@gallium.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

FYI... I received a mailer from Marlin Jones company earlier= today. One item on sale this month that may hold some interest to experimenters= is a 5VDC @ 2A, 12VDC @ 1.2A power supply for the miserly sum of \$0.99US= (yes, 99 cents!)

They also have some clamp on filters: "Fair-Rite P/N= 0443164251ferrite snap-on filters. Plastic case with type 43 split core material.= Clamps around cable up to .250in Dia. and blocks noise. Frequencies from 1MHz= to100MHz. Permeability=3D1000, impedance: 130 @ 25MHz 275 @ 100MHz" for \$0.49= each.

<<http://www.mpja.com/allpictspl.asp?dept=3D287&product=3D13338+PS>>

Tim, N9PUZ

Date: Thu, 6 Mar 2003 13:25:25 -0500 (EST)
From: "n2cx" <n2cx@voicenet.com>
To: qrp-1@lehigh.edu
Subject: [147135] RE: Earliest Transistorized QRP rig?
Message-ID: <200303061825.h26IPP08011712@email2.voicenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Group,

This is a subject near and dear to my heart <G>.
I became interested in ham radio as transistors began
to become affordable. My Dad bought me a CK722 when
the dropped down to the low(!) price of \$5. It was
definitely not an RF device.

But then RCA came out with the consumer grade
2N274, et al and they *would* do RF.

Living in Southern NJ, I befriended some of the RCA
guys who got me some samples. One of them,
W2RG(SK) wrote some of the RCA Hamnotes featuring
a regen receiver and xtal controlled xmtr - he even
worked a ZS on 40 meters with it!

I've collected a bunch of the older devices with thoughts
of duplicating yet another early rig, the Semiconductor
Space Spanner that Don Stoner, W6TNS published in
Radio-Electronics.

Who sez nostalgia ain't what it used to be?

72/73,

Joe E., N2CX

Date: Thu, 6 Mar 2003 18:35:12 -0000
From: "Ray Goff" <radioham@gmx.co.uk>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [147136] Re: Earliest Transistorized QRP rig?
Message-ID: <004a01c2e40f\$26d6f820\$a9bc6751@starfishrcg>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I recall a transmitter in RadCom, the RSGB magazine, in the early sixties with a QRP transmitter based on germanium transistors, so I would imagine that pre-dates the Tuna-Tin as well. Practical Wireless, another UK magazine which is still running today, also carried lots of circuits once transistors became available, I recall a two transistor reflex-regen receiver which fitted into a matchbox which again used germanium transistors.

Over this side of the pond transistors came down within reach of 'pocket money' (my weekly allowance) by the early sixties and there was a radio repair shop in the adjacent town which sold them - the trick was to get mum or dad to take me there as the bus fare was steep as I recall.

I also remember being devastated when the emitter lead fell off my OC71 audio transistor! In those days OC71's were cased in glass envelope (they were made by Mullard who also made valves, tubes) and I spent a lot of time try to chip away at the glass to get enough of the emitter lead exposed to make a solder connection. I retrospect I am sure the heat alone would have destroyed the transistor as my soldering iron had a 1/4 inch bit!

Ray, G4FON

Date: Thu, 6 Mar 2003 13:43:45 -0500
From: "S. Bryan Williams" <sbw1@enter.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [147137] RE: What's the date?
Message-ID:
<4807CA09ACACCF4BBDACF1EF2455D8B3234BE3@bbserver3.backbonesecurity.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

The International Organization for Standardization has published a "Representation of dates and times" standard - ISO 8601 (ISO 8601:2000 is the current version). I believe the original standard was published

back in 1988. A quick summary can be found on the W3C site at:
<http://www.w3.org/TR/NOTE-datetime>
Or do a search for "ISO 8601"

Bryan
AA3WM

>It all makes
>sense to me and I'll probably start to use "2003 Mar.05" myself.
>But I never heard about this "new Standard in the world."
>
>Have any of you heard about this? Who establishes such a standard?

Date: Thu, 06 Mar 2003 14:00:52 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [147138] Re: Low Cost Power Supplies
Message-ID: <5.1.1.6.1.20030306134459.00a77010@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Tim,

The photo looks an awful lot like a similar supply I bought at a local surplus store a couple of years ago for about 6 bucks. Mine is 5V at 2A and +/- 12V at about 100 mA.

If it is indeed similar, it's necessary to place some minimum load on one of the outputs (the 5V supply in my case) in order for the regulators on all outputs to work correctly. An LED drawing about 20 mA does fine, and makes a nice power-on indicator to boot. I mounted mine in a metal box with binding posts and use it as a breadboard supply.

This is a good deal - the reasonably hefty (for a buck) 12V output should make most homebrew QRP rigs happy.

Thanks for the heads-up! I think I'm going to order a couple. I noticed on the same page they have Telex boom headsets at 99 cents each as well.

The only trouble is there's a \$15 minimum order. I don't need 15 power supplies!

Dave

At 12:21 PM 3/6/2003 -0600, you wrote:

>FYI... I received a mailer from Marlin Jones company earlier today. One item
>on sale this month that may hold some interest to experimenters is a 5VDC @
>2A, 12VDC @ 1.2A power supply for the miserly sum of \$0.99US (yes, 99 cents!)

>

>They also have some clamp on filters: "Fair-Rite P/N 0443164251ferrite
>snap-on filters. Plastic case with type 43 split core material. Clamps around
>cable up to .250in Dia. and blocks noise. Frequencies from 1MHz to100MHz.
>Permeability=1000, impedance: 130 @ 25MHz 275 @ 100MHz" for \$0.49 each.

>

><<http://www.mpja.com/allpictspl.asp?dept=287&product=13338+PS>>

>

>

>Tim, N9PUZ

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Thu, 6 Mar 2003 20:10:59 +0100
From: "Carel Mulder" <cmulder@wanadoo.nl>
To: <qrp-l@Lehigh.EDU>
Subject: [147139] NC20 sidetone difference
Message-ID: <000501c2e414\$2020e220\$02c8c8c8@Zolder01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all,

Perhaps you can remember that I 've build a Red Hot NC20 "Manhattan Style"
last year. The rig works fine, no doubt about that, but of course I didn't
have the TiCK keyer available at the time. So I temporarily used my K9 keyer
(K1EL) to do the job until I finished my personal copy of the K8 model of
which the assembler code is available for free at Steve's website. At the
moment I have succesfully migrated the code designed for a PIC12C509(A) to
a PIC12F629.

Unfortunately there is quite some difference in audio level of the sidetone
between 'normal' use of the rig and switching the keyer to the programming
mode. It's about a 1:5 ratio. In programming mode the audio output (scoop
connected to loudspeaker plug) is a nice sinus wave. In 'normal' Tx mode the

sidetone looks like a triangle with rounded tops.
It is not the wave form that bothers me in the first place, but the difference in audio level that I want to make better.

Computer analyses of the audio pre-amp (U5) and mute switch (Q9) using Microcap 5 is telling me the same as what I see on my scoop. By muting the Rx, the second part of the audio filter i.e. R53 is changed to a high impedance state. So the filter settings differ from Tx mode and that is why the sidetone is quite different too. At least, that is what I think that is happening.

Do other NC20 rigs have this 'problem' too, or can anyone give me a hint to modify this circuit.

BTW, the AFA circuit is missing too, but R94, R95 and C103 are present.

Thanks in advance,

72, Carel - PA0CMU

<http://home.wanadoo.nl/cmulder/nc20.htm>

Date: Thu, 6 Mar 2003 14:16:40 -0500
From: "Brian Murrey" <brian@iquest.net>
To: "QRP-L" <qrp-l@lehigh.edu>, "pigs" <fpqrp-l@mpna.com>
Subject: [147140] Scope Probe
Message-ID: <000a01c2e414\$ea91fcb0\$4505020a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Someone was asking about scope probes the other day. I forget who.

This is a good deal on a 60Mhz probe, I think.

<http://www.mpja.com/productview.asp?product=8630+TE>

=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE

SOC #400 AND FLYING PIGS QRP #-57

=====

Date: Thu, 6 Mar 2003 12:37:06 -0700
From: "John" <digi2@earthlink.net>
To: <k4oah@mindspring.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [147141] Re: Earliest Transistorized QRP rig?
Message-ID: <00f901c2e417\$d54bf1a0\$6401a8c0@phoenix.speedchoice.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Now there is another piece of nostalgia, the
22-1/2V battery. Remember those?

John K7SVV

----- Original Message -----

From: "Garey Barrell" <k4oah@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, March 06, 2003 9:20 AM
Subject: Re: Earliest Transistorized QRP rig?

> Ken -

>

> According to QST, the first transistorized transmitter was built by
> K2AH of Mountain Lakes, NJ. A brief article (and cover shot) appeared
> in QST for February 1953. It was on 2 meters, using an experimental
> RCA transistor powered by a 22-1/2V hearing aid battery. Single
> transistor, running at 8 volts @ 3 mils for 24 mW input. Output was
> "estimated" at 50 uW. CW of course! :-) "W2UK, 25 miles away
> reported the signal as strong enough to be readable on voice."

>

> 73, Garey - K40AH
> Atlanta

End of QRP-L Digest 2851
